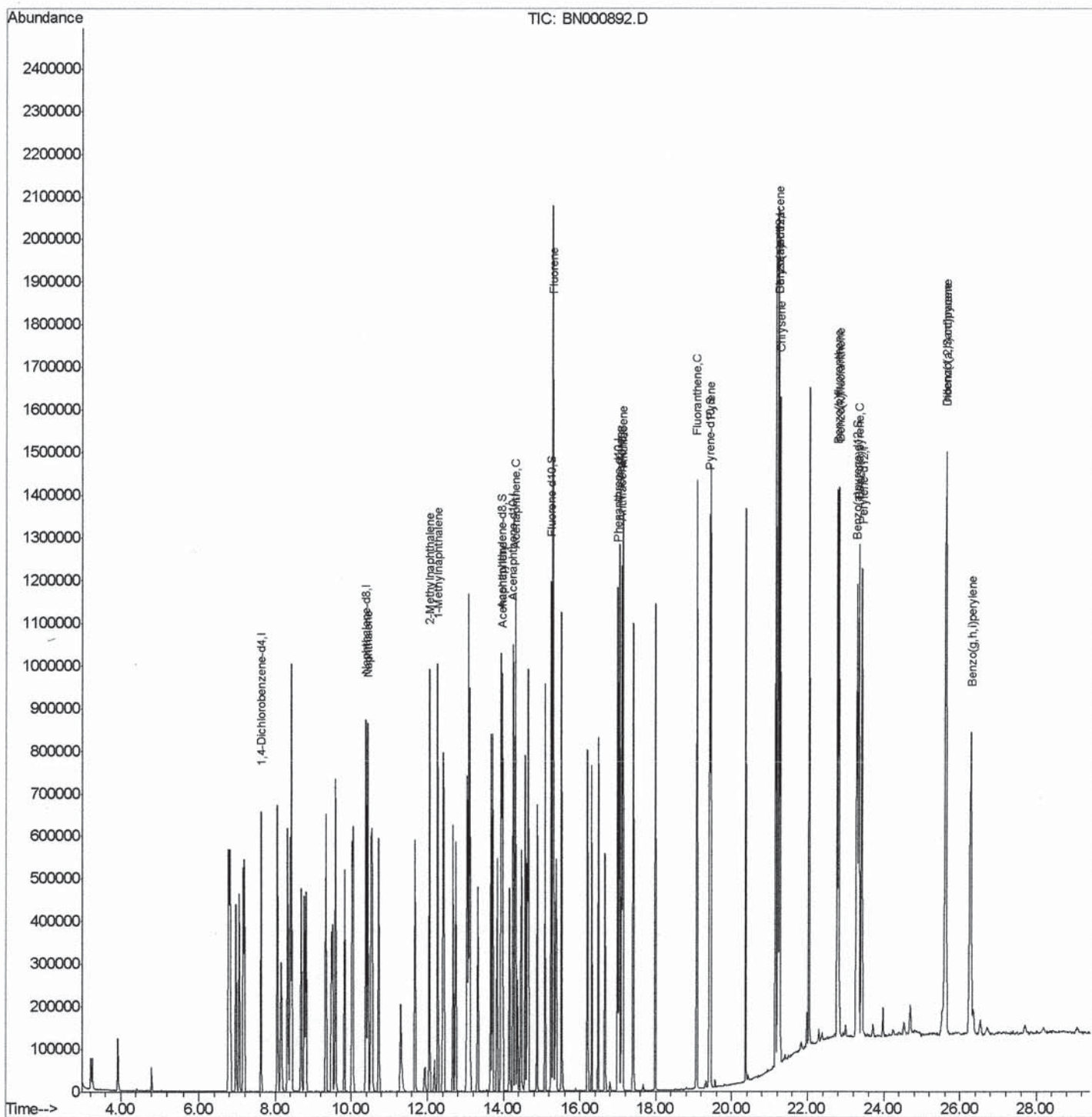


Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000892.D
Acq On : 25 Apr 2018 15:47
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

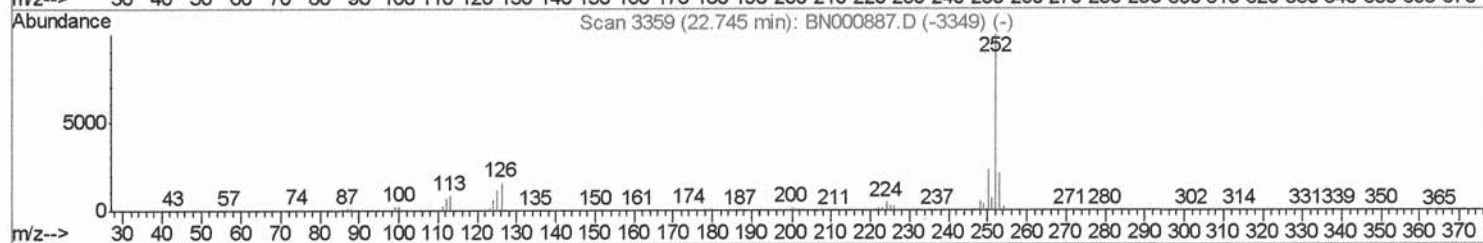
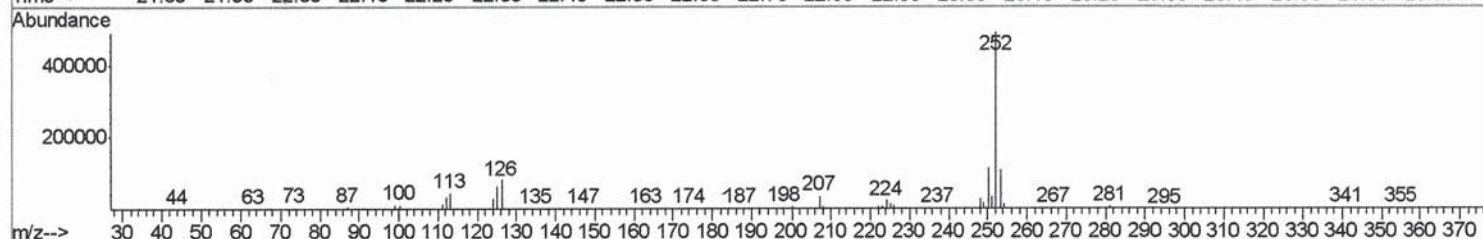
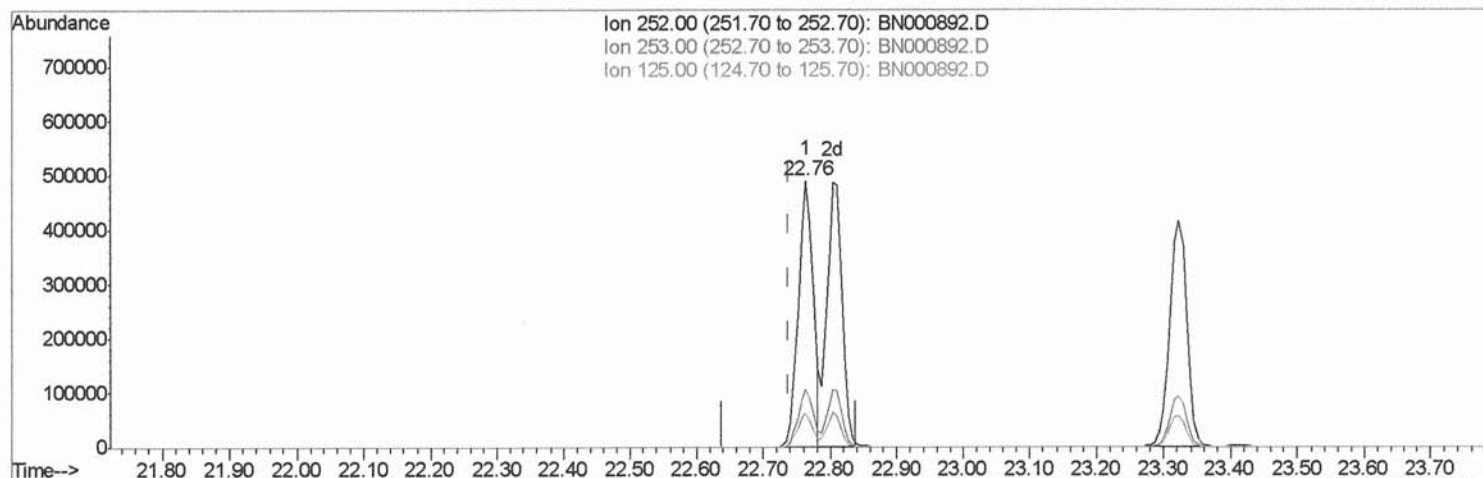
Quant Time: Apr 26 07:53:33 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 14:59:03 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000892.D
 Acq On : 25 Apr 2018 15:47
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 07:50:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration



TIC: BN000892.D

(23) Benzo(b)fluoranthene

22.763min (+0.024) 20.06ng/ul

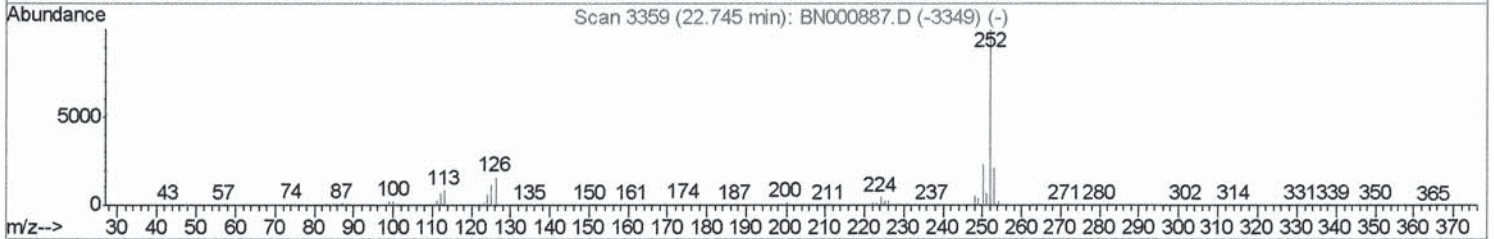
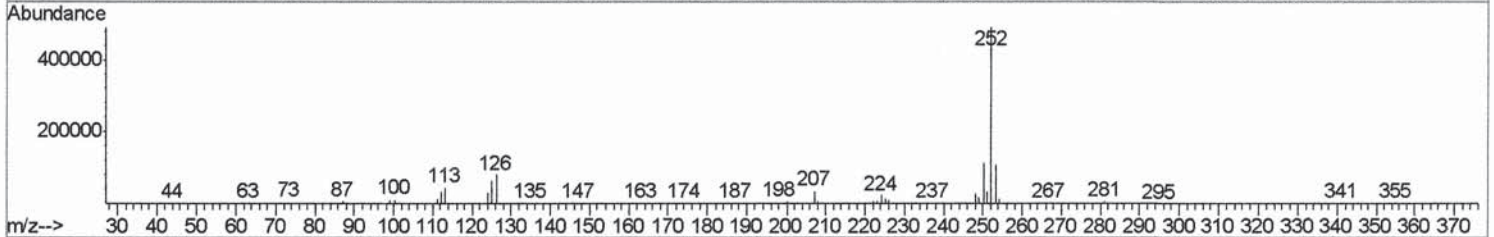
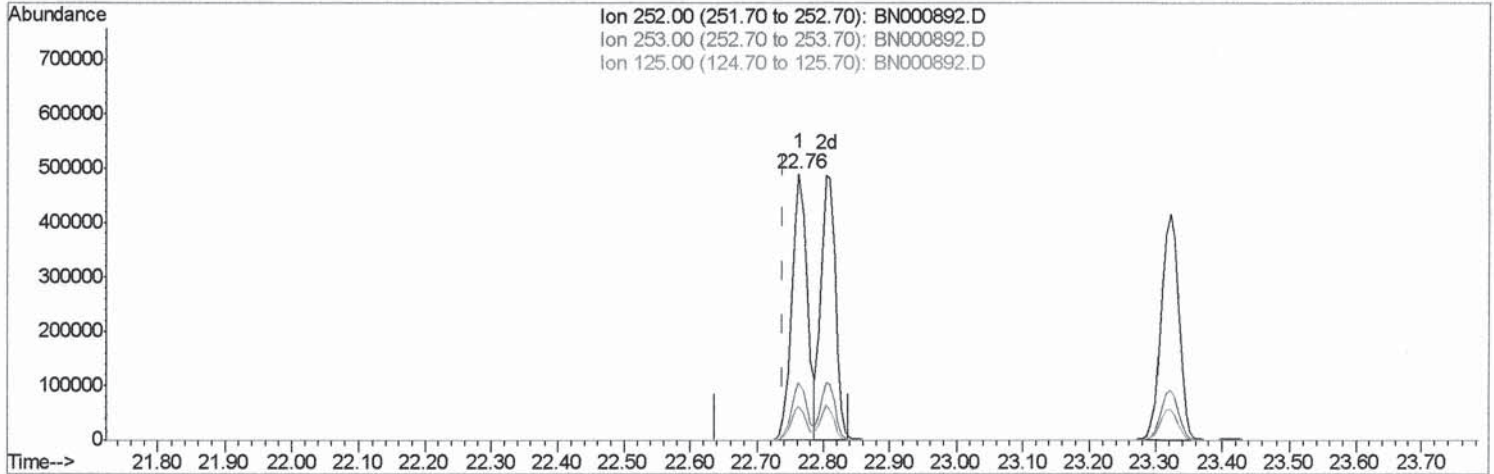
response 760993

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.86
125.00	10.00	12.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000892.D
 Acq On : 25 Apr 2018 15:47
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 07:50:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration



TIC: BN000892.D

(23) Benzo(b)fluoranthene

22.763min (+0.024) 21.14ng/ul m

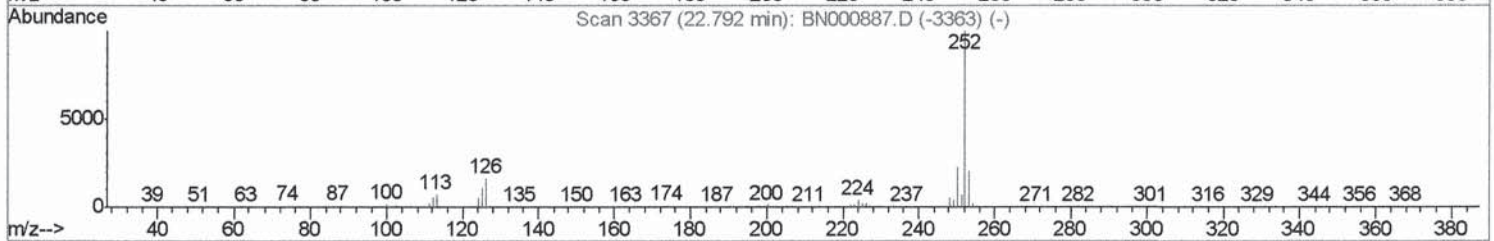
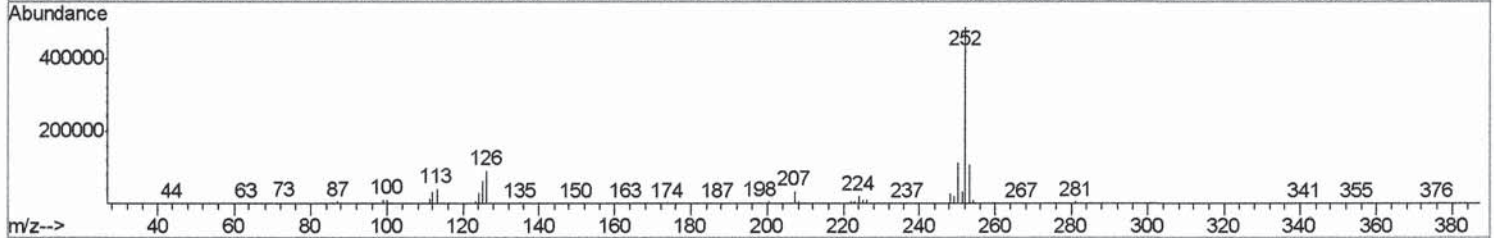
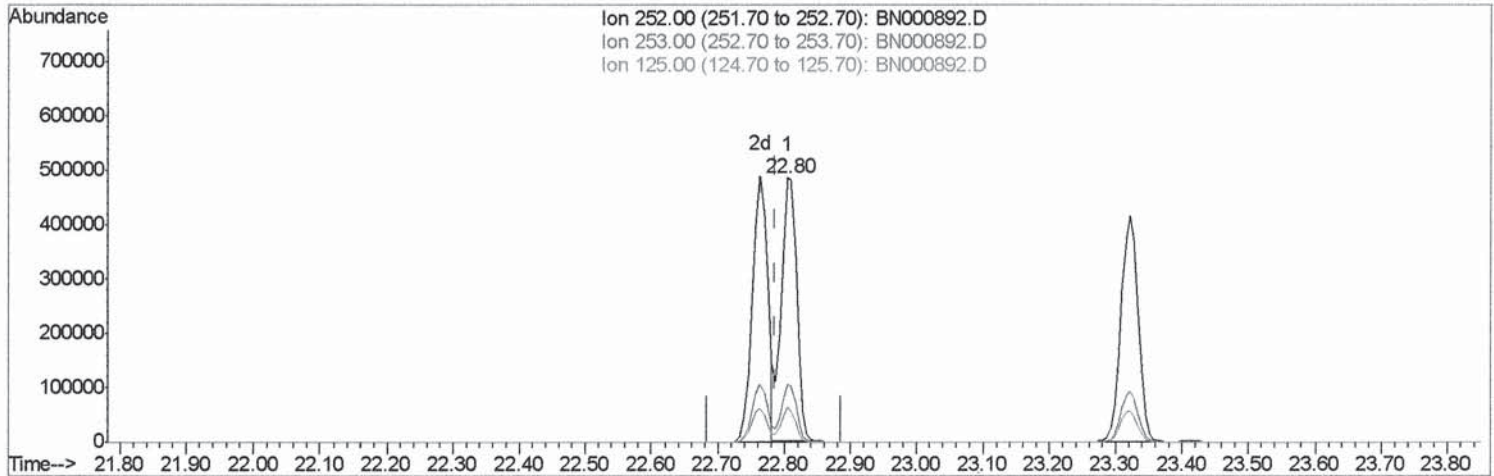
response 801799

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.86
125.00	10.00	12.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000892.D
 Acq On : 25 Apr 2018 15:47
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 07:50:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration



TIC: BN000892.D

(24) Benzo(k)fluoranthene

22.804min (+0.018) 20.88ng/ul

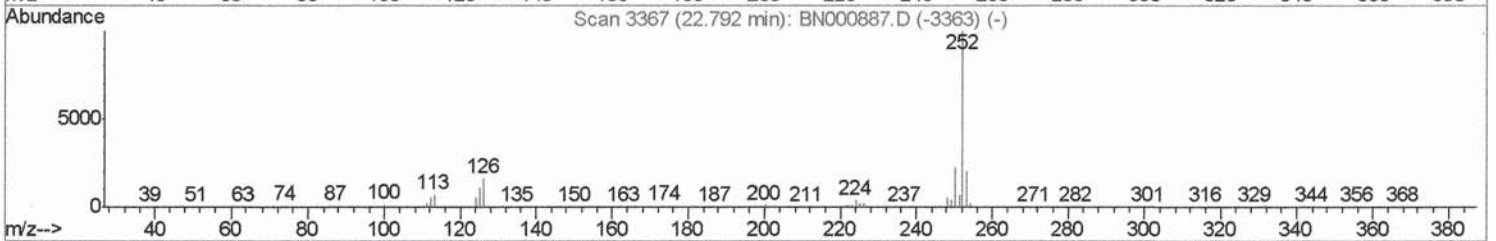
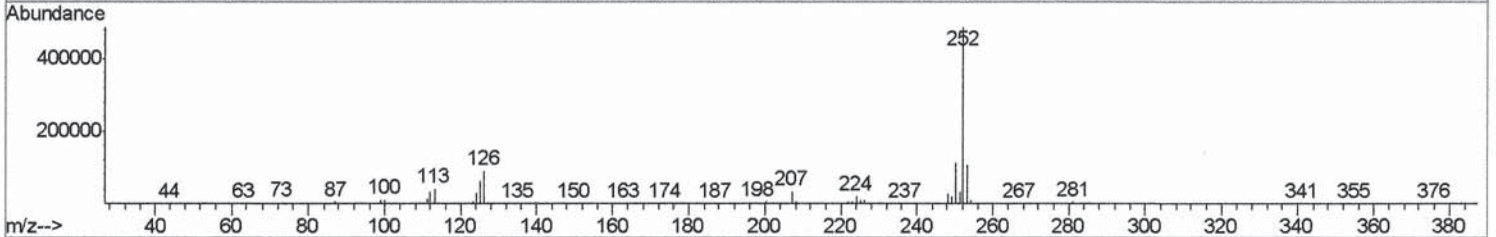
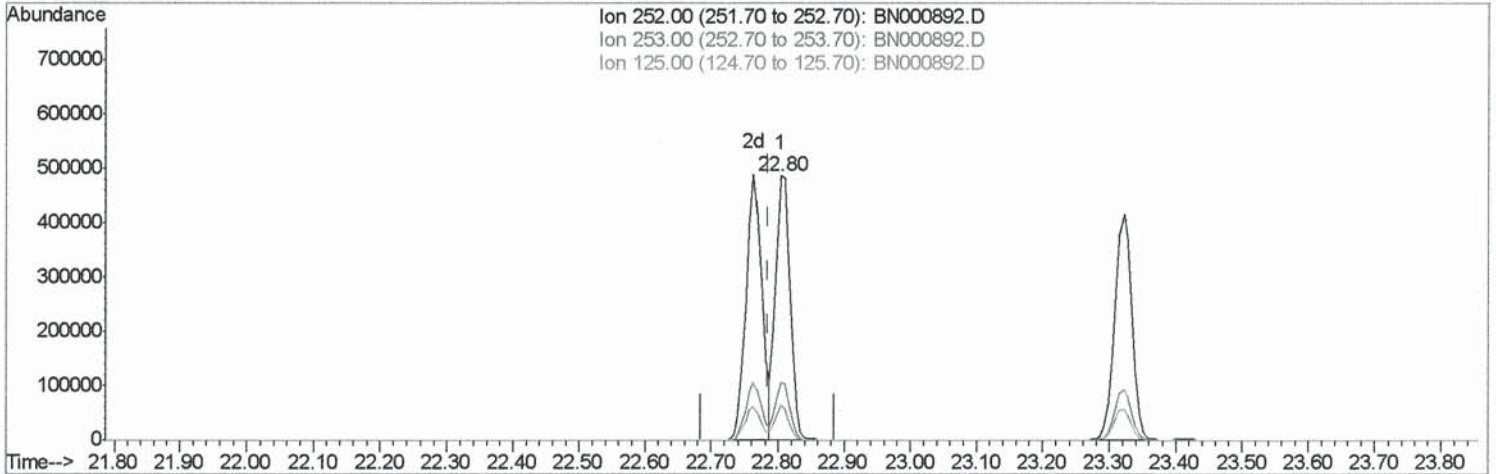
response 774910

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.97
125.00	10.10	13.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000892.D
 Acq On : 25 Apr 2018 15:47
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 07:50:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration



TIC: BN000892.D

(24) Benzo(k)fluoranthene

22.804min (+0.018) 20.01ng/ul m

response 742643

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.97
125.00	10.10	13.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000892.D
 Acq On : 25 Apr 2018 15:47
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 07:53:33 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 14:59:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	166404	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	676874	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	333851	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	646521	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	631162	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	667498	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	676357	21.09	ng/ul	0.00
10) Fluorene-d10	15.25	176	435122	20.33	ng/ul	0.00
14) Anthracene-d10	17.10	188	619009	20.94	ng/ul	0.00
18) Pyrene-d10	19.40	212	643285	19.89	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	666904	21.15	ng/ul	0.02

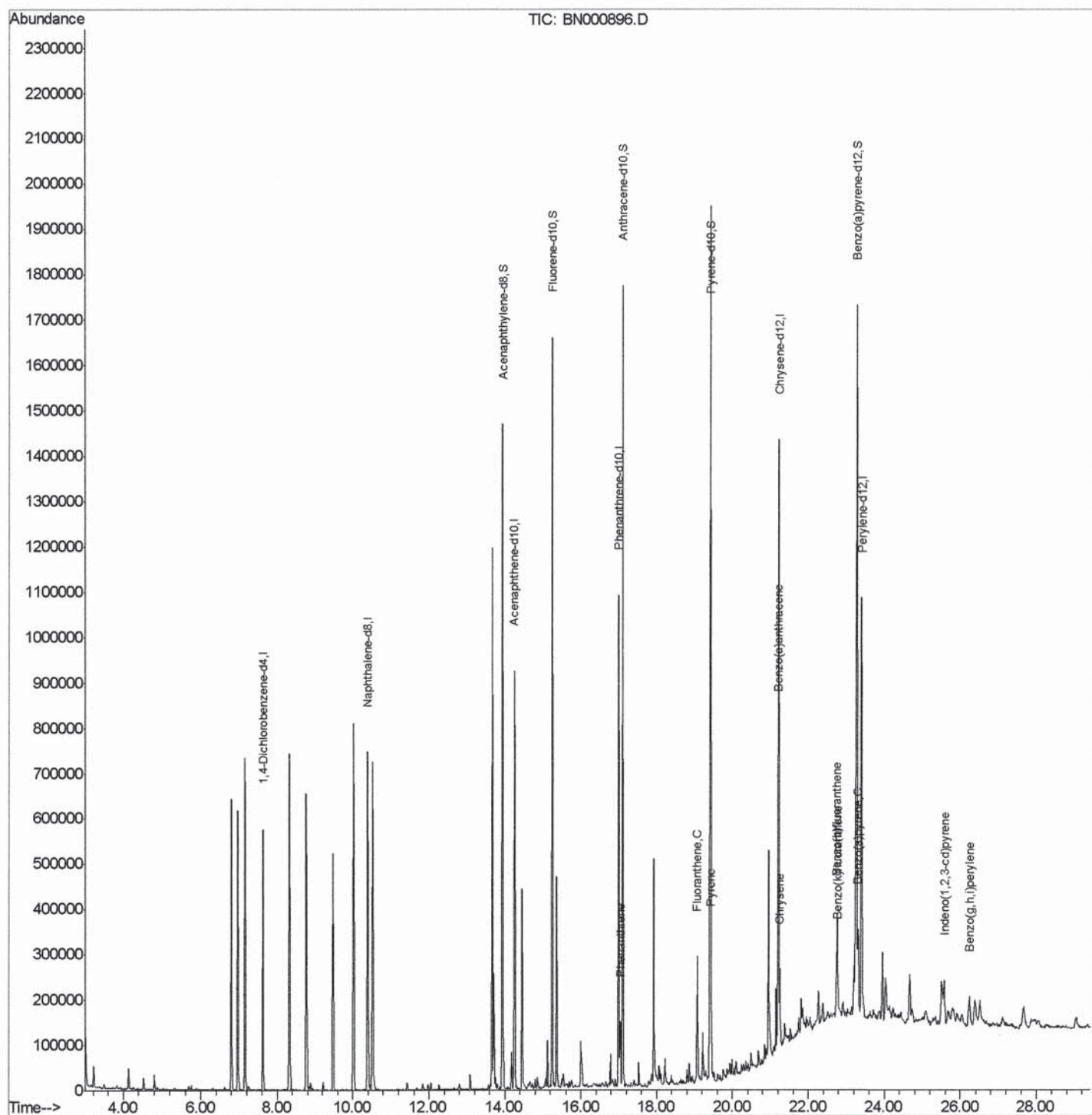
Target Compounds

					Ovalue	
3) Naphthalene	10.43	128	697544	20.448	ng/ul	99
4) 2-Methylnaphthalene	12.05	142	456284	20.047	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	449546	20.137	ng/ul#	92
8) Acenaphthylene	13.97	152	656611	20.691	ng/ul	99
9) Acenaphthene	14.32	153	447482	20.409	ng/ul	96
11) Fluorene	15.30	166	473858	20.302	ng/ul	95
13) Phenanthrene	17.05	178	716506	20.320	ng/ul	99
15) Anthracene	17.13	178	731223	20.674	ng/ul	99
16) Fluoranthene	19.07	202	777596	21.735	ng/ul#	93
19) Pyrene	19.43	202	785124	19.366	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	784943	20.805	ng/ul	99
21) Chrysene	21.25	228	717754	20.240	ng/ul	99
23) Benzo(b)fluoranthene	22.76	252	801799m	21.137	ng/ul	} JU 04/27/18
24) Benzo(k)fluoranthene	22.80	252	742643m	20.007	ng/ul	
26) Benzo(a)pyrene	23.32	252	749189	20.665	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.59	276	901442	20.587	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.60	278	751615	20.595	ng/ul#	96
29) Benzo(a,h,i)perylene	26.26	276	758746	20.718	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000896.D
Acq On : 25 Apr 2018 18:05
Operator : JU/SJ
Sample : J2485-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

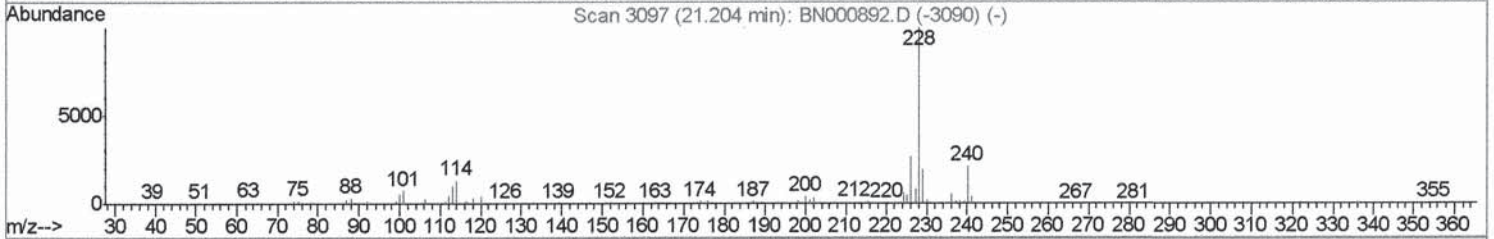
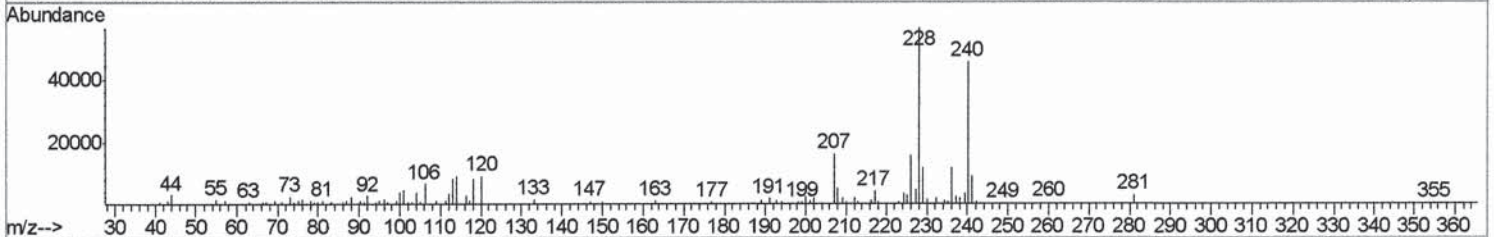
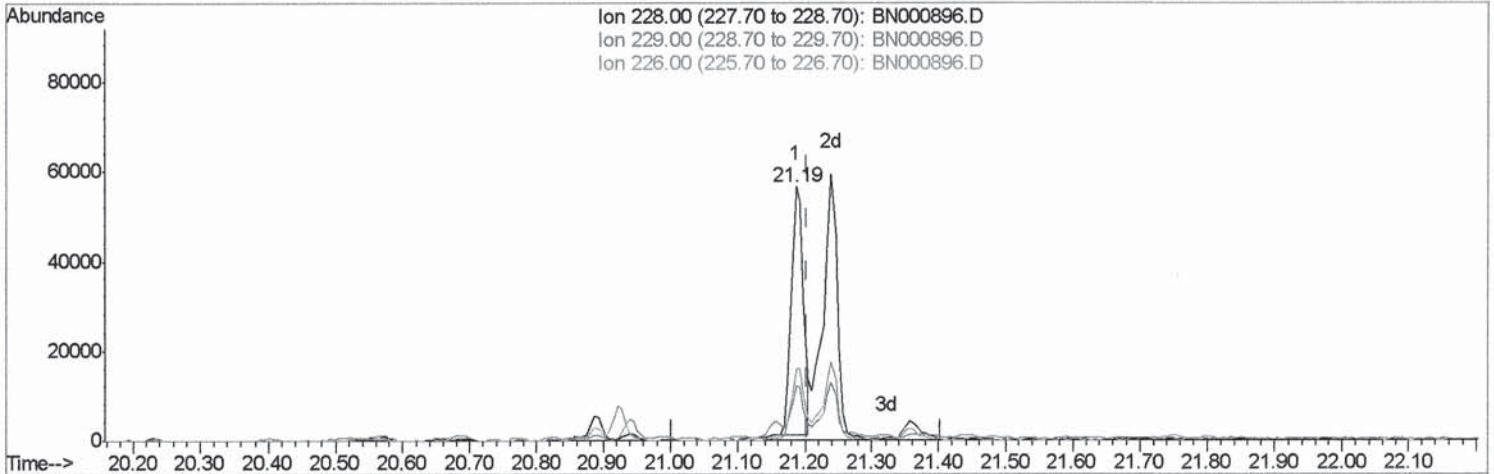
Quant Time: Apr 26 08:08:57 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

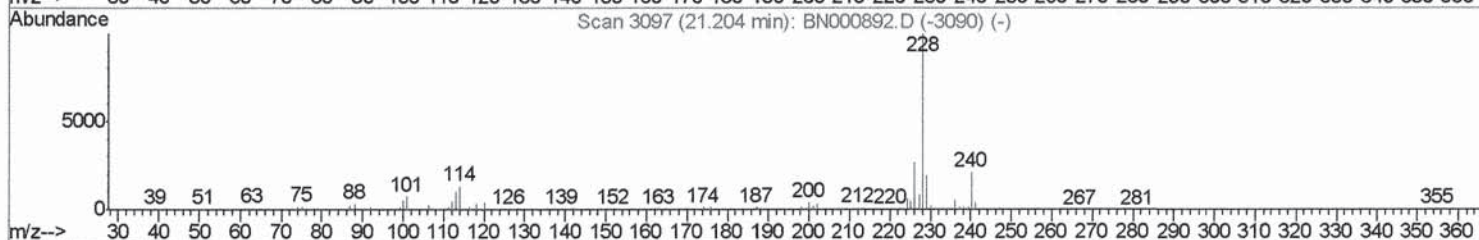
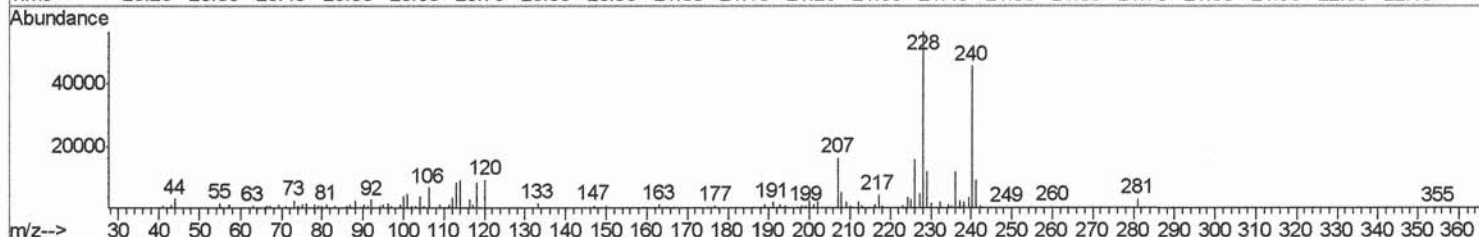
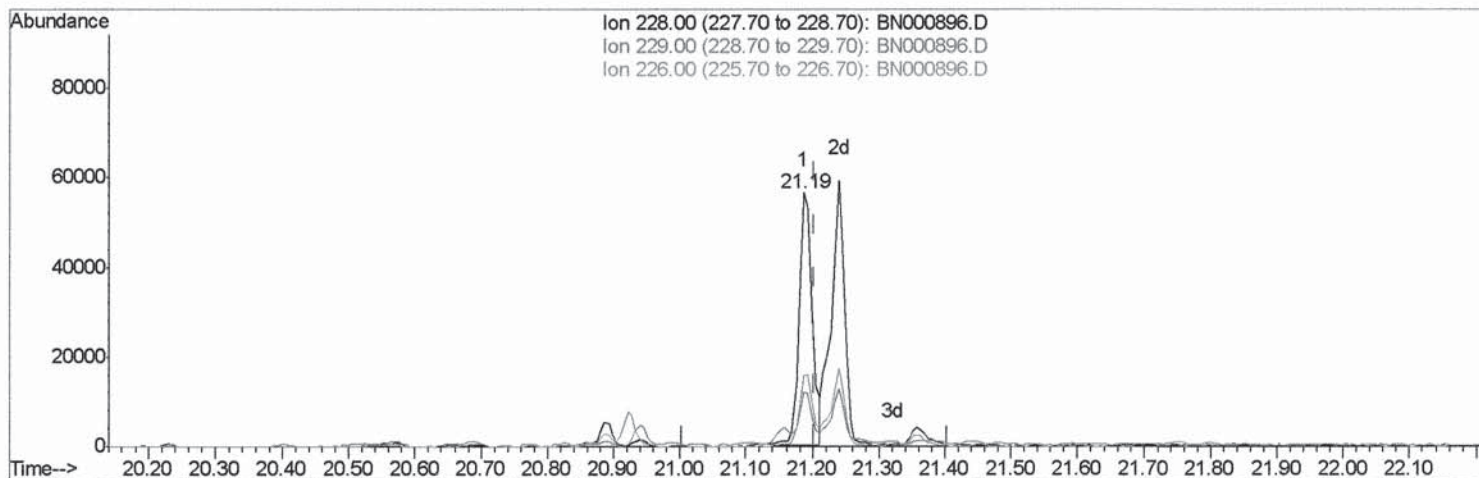
(20) Benzo(a)anthracene
 21.186min (-0.018) 2.23ng/ul
 response 71707

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.29
226.00	26.40	28.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.44ng/ul m

response 78639

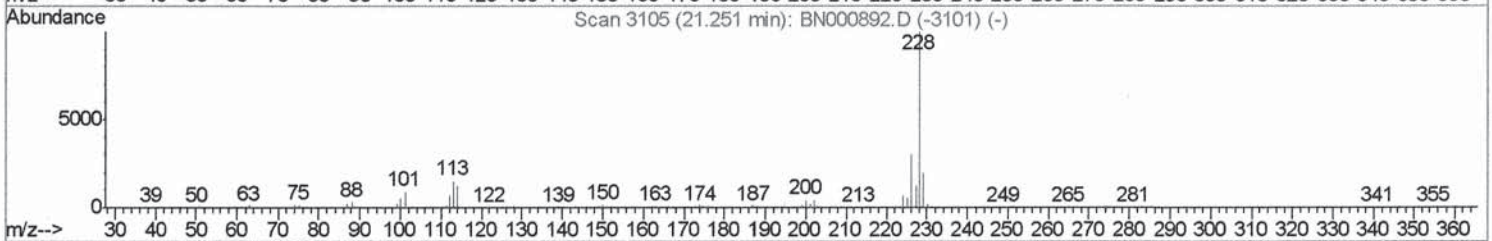
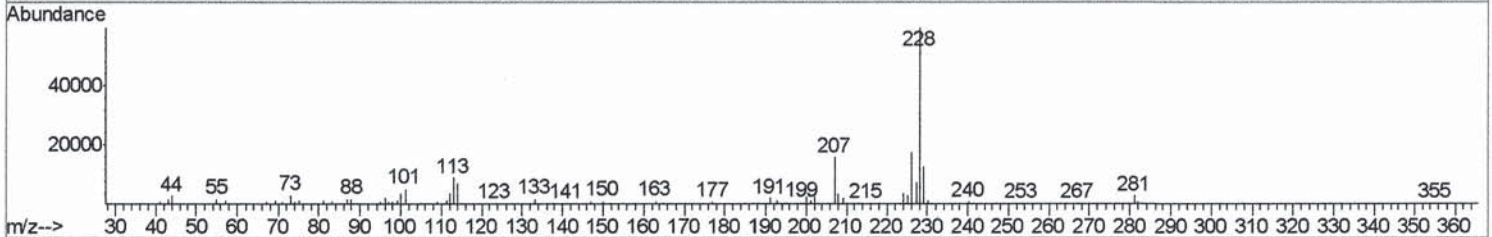
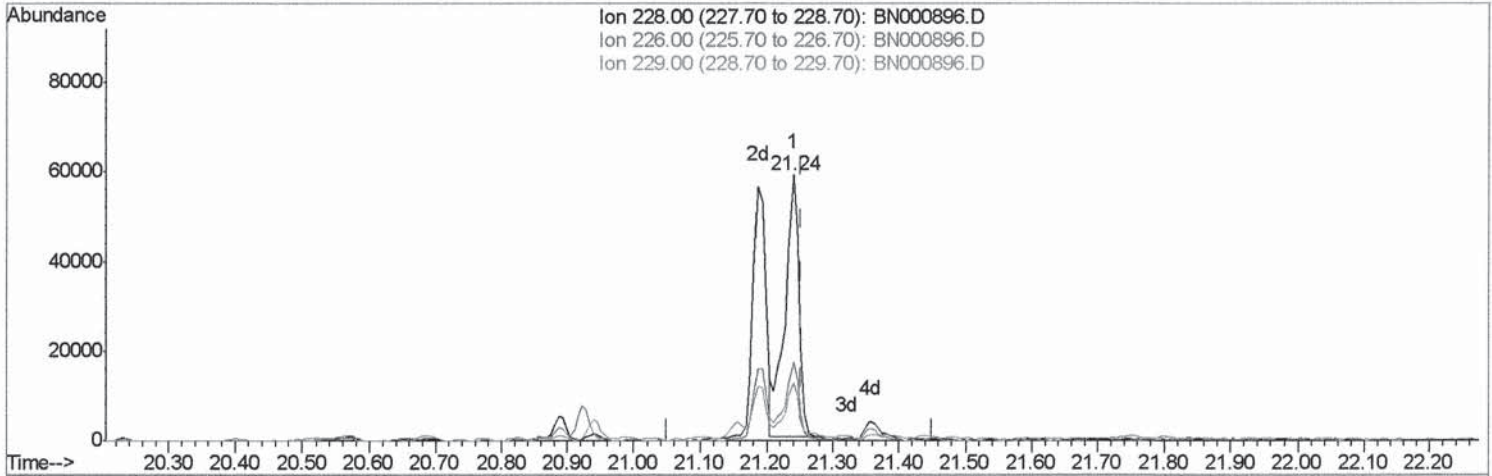
Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.29
226.00	26.40	28.14
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

(21) Chrysene

21.239min (-0.012) 2.80ng/ul

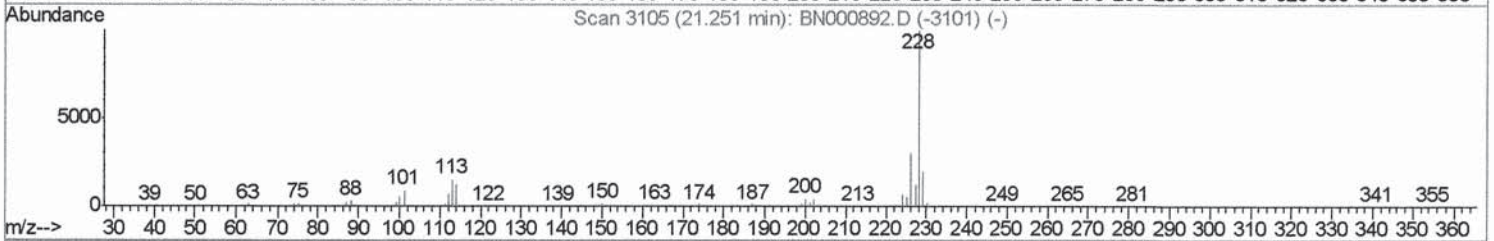
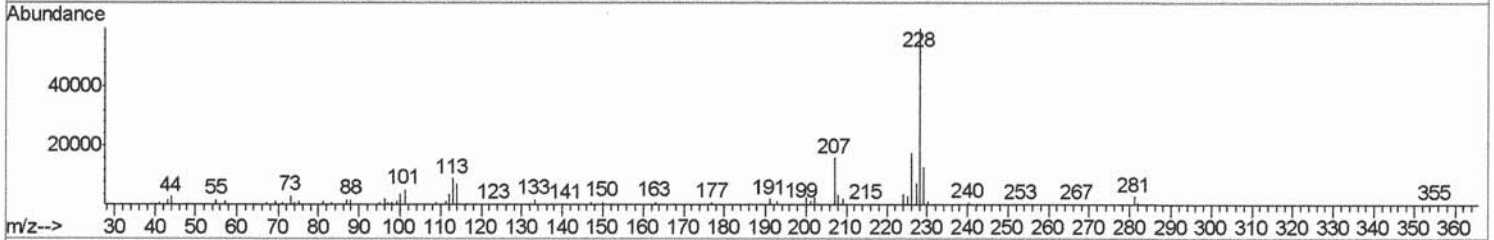
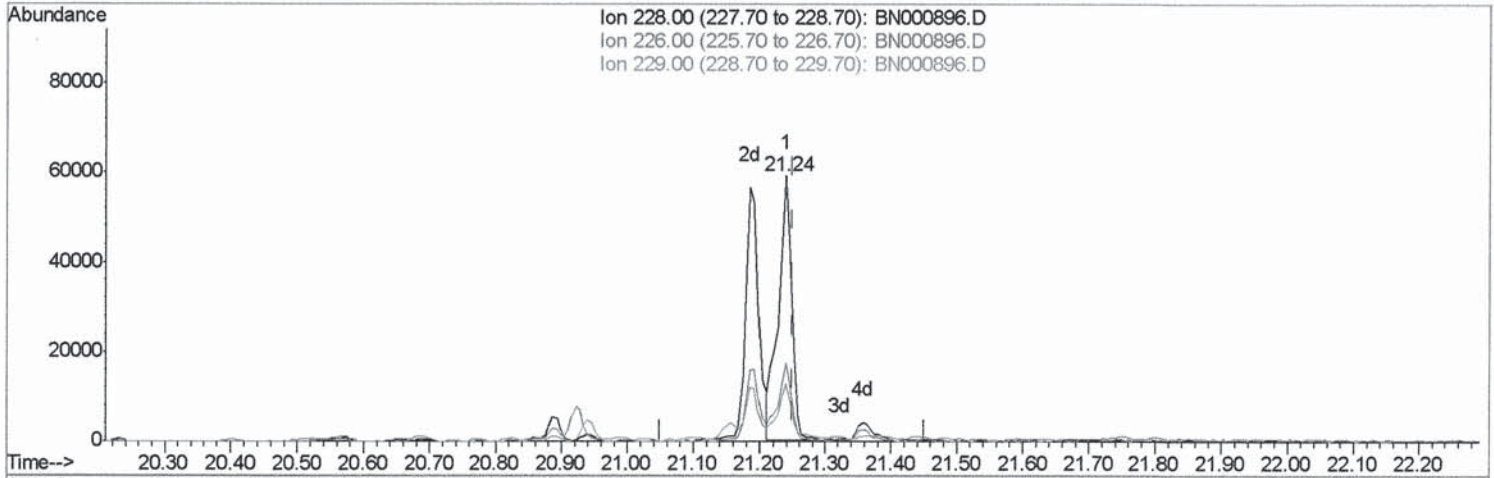
response 84750

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.66
229.00	19.80	21.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

(21) Chrysene

21.239min (-0.012) 2.77ng/ul m

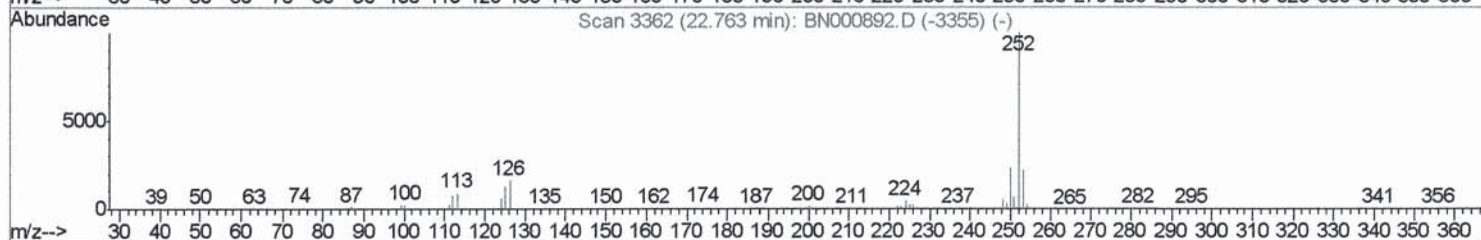
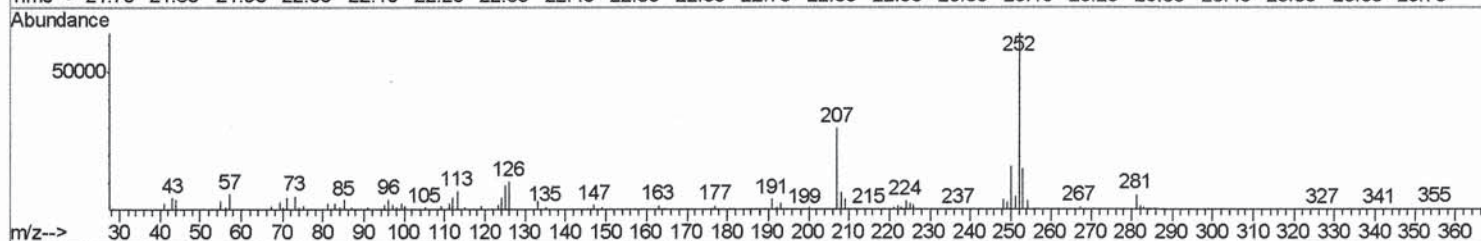
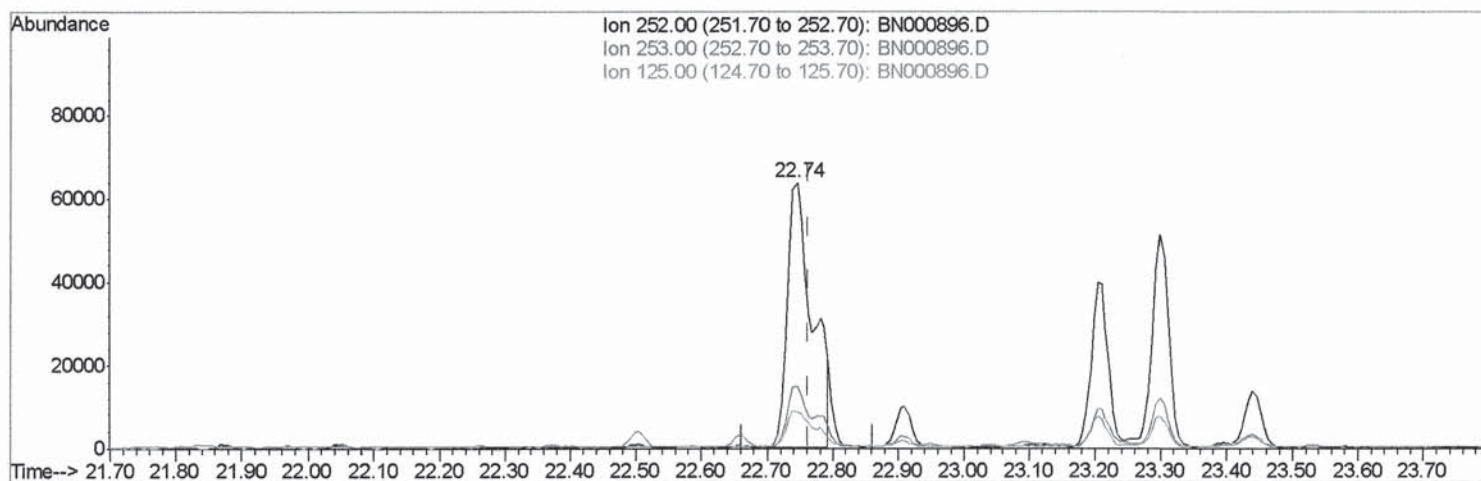
response 84030

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.66
229.00	19.80	21.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000896.D
Acq On : 25 Apr 2018 18:05
Operator : JU/SJ
Sample : J2485-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



TIC: BN000896.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 5.27ng/ul

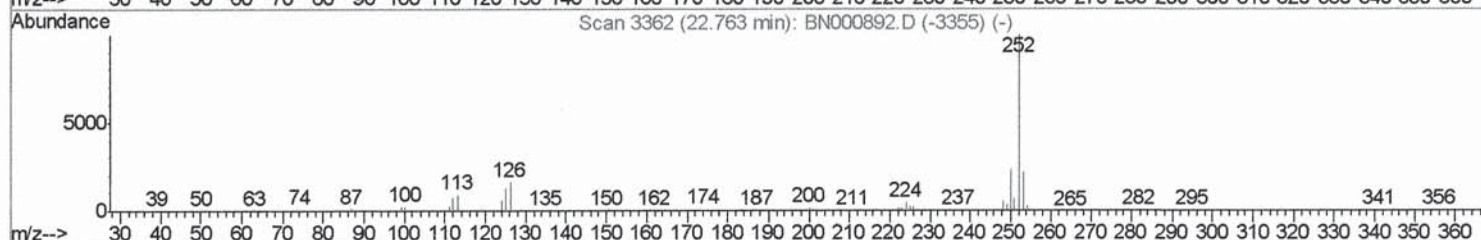
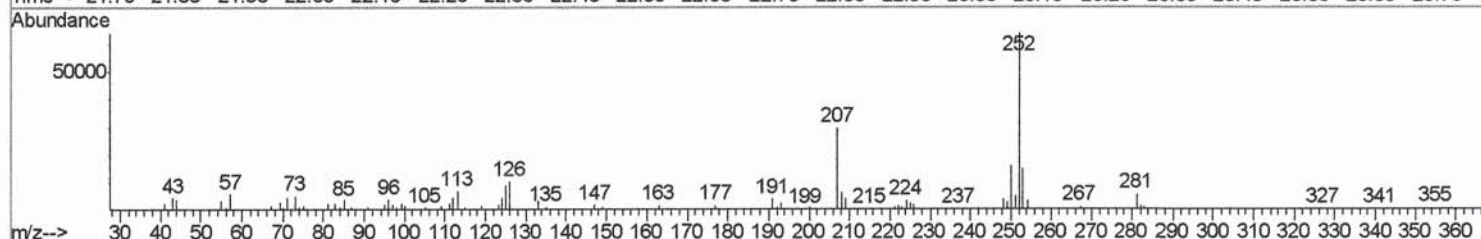
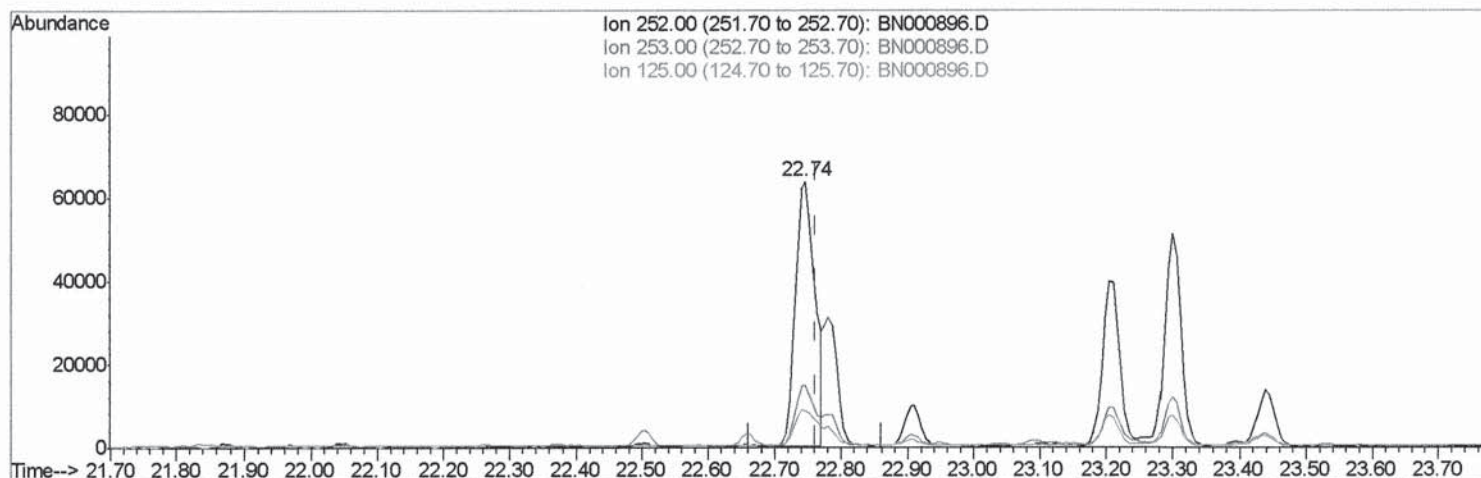
response 168446

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.46
125.00	10.00	14.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.06ng/ul m

response 129816

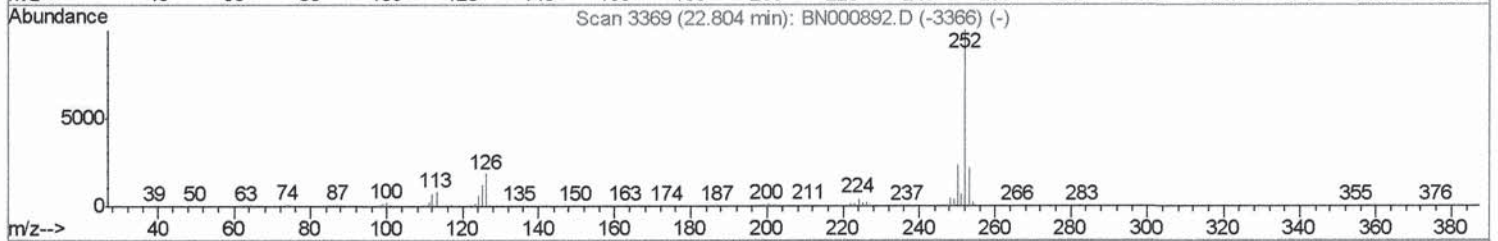
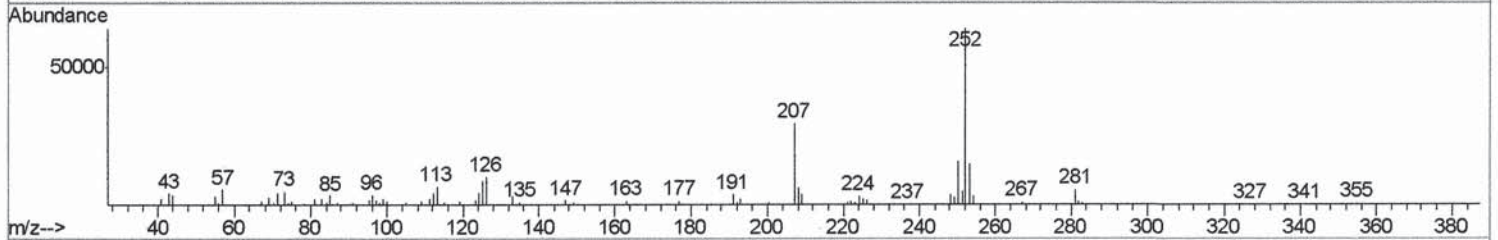
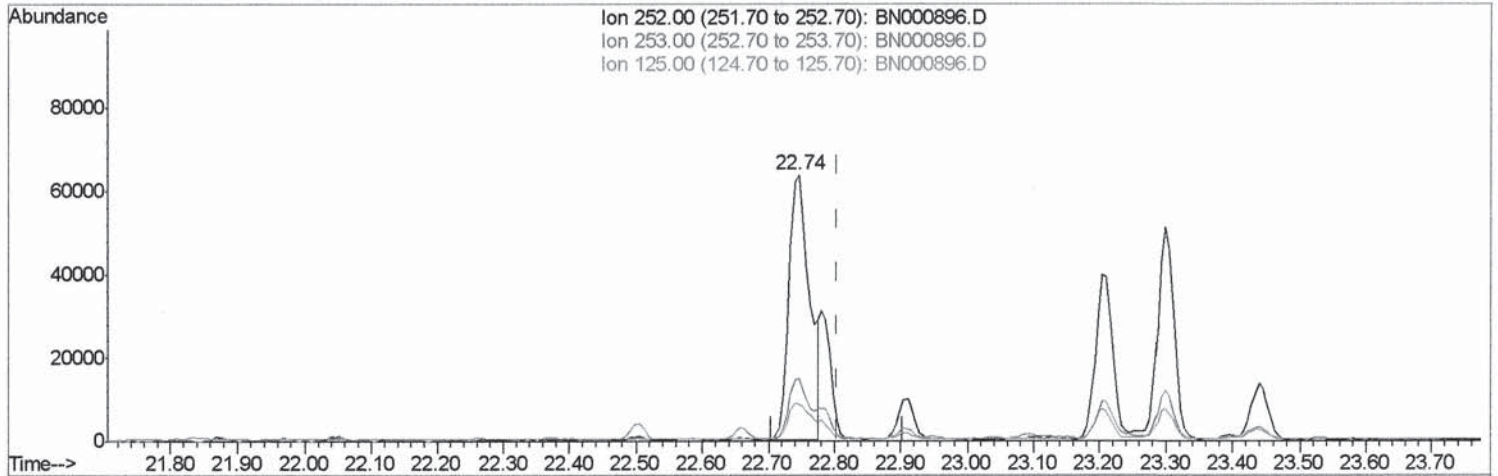
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.46
125.00	10.00	14.04#
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 4.46ng/ul

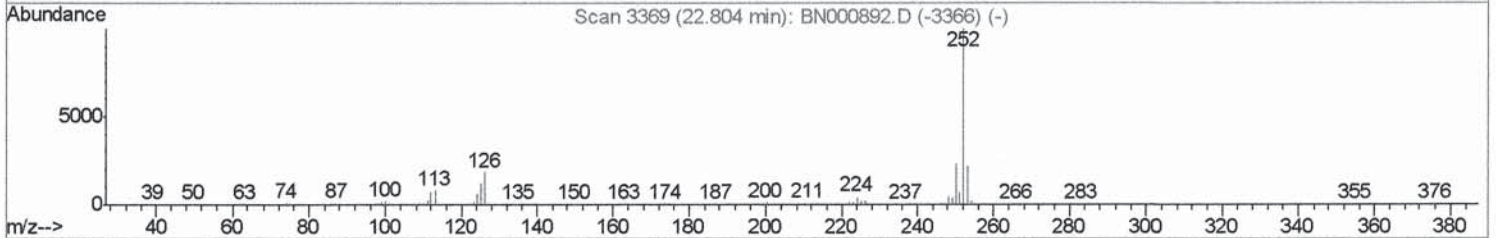
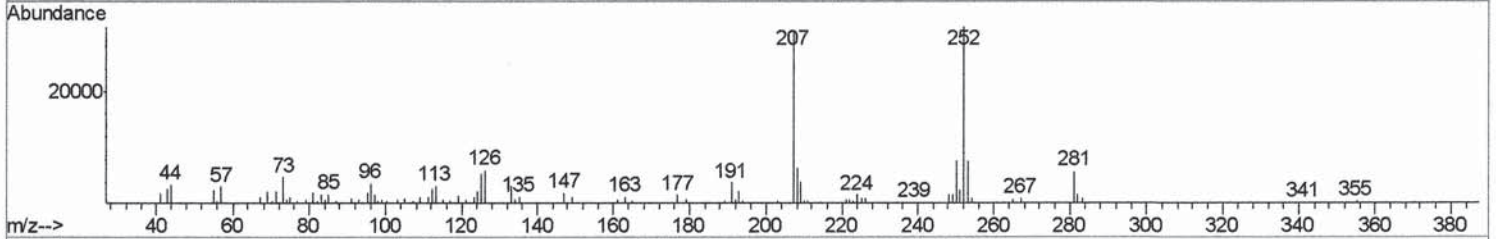
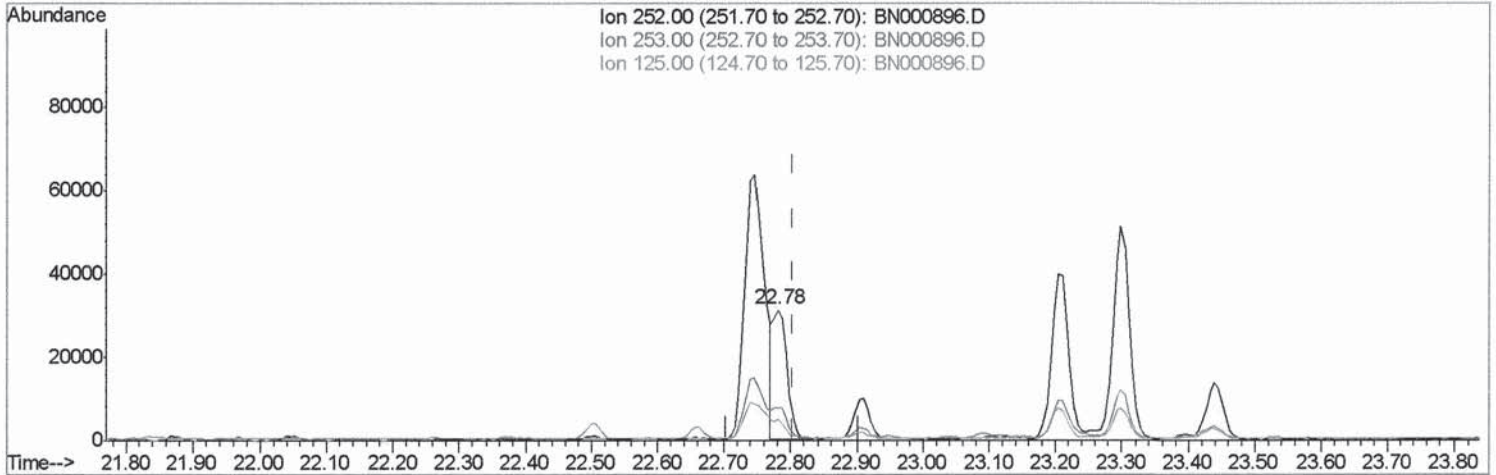
response 139537

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.46
125.00	10.10	14.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 07:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000896.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 1.46ng/ul m

response 45809

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.55
125.00	10.10	17.01#
0.00	0.00	0.00

JU04/23/18

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 08:08:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140486	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	581370	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282170	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	560683	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	539098	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	562946	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	905618	33.42	ng/ul	0.00
10) Fluorene-d10	15.25	176	612131	33.84	ng/ul	0.00
14) Anthracene-d10	17.10	188	867098	33.82	ng/ul	0.00
18) Pyrene-d10	19.40	212	907310	32.85	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	994445	37.40	ng/ul	-0.02

Target Compounds

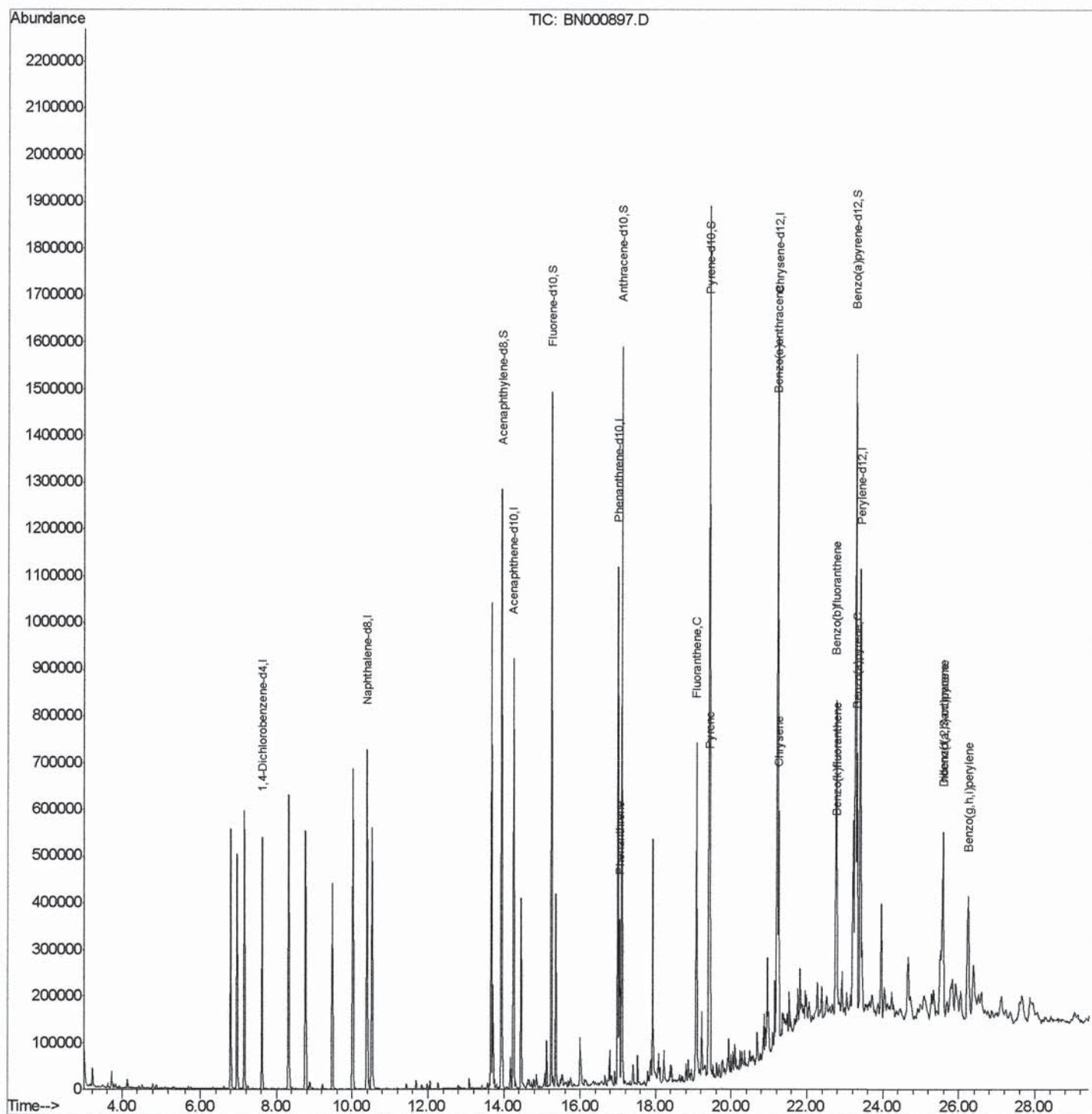
Ovalue

13) Phenanthrene	17.04	178	75996	2.485	ng/ul	100
16) Fluoranthene	19.06	202	137953	4.446	ng/ul#	94
19) Pyrene	19.43	202	126643	3.657	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	78639m	2.440	ng/ul	
21) Chrysene	21.24	228	84030m	2.774	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	129816m	4.058	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	45809m	1.463	ng/ul	
26) Benzo(a)pyrene	23.30	252	85640	2.801	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	70348	1.905	ng/ul#	90
29) Benzo(a,h,i)perylene	26.23	276	61137	1.979	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000897.D
Acq On : 25 Apr 2018 18:40
Operator : JU/SJ
Sample : J2485-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

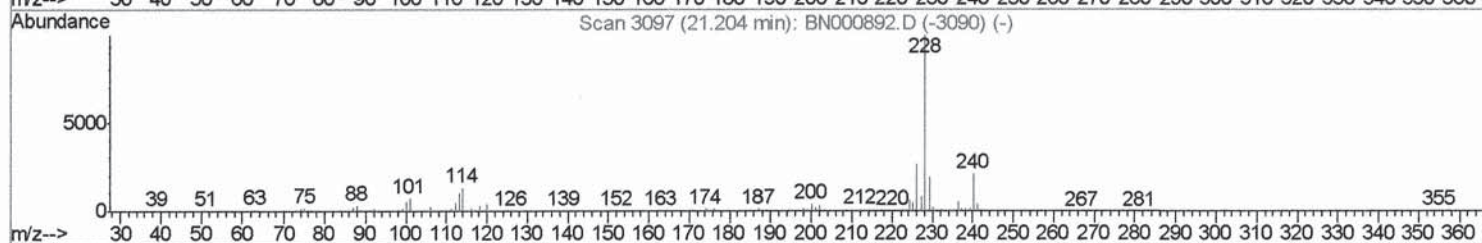
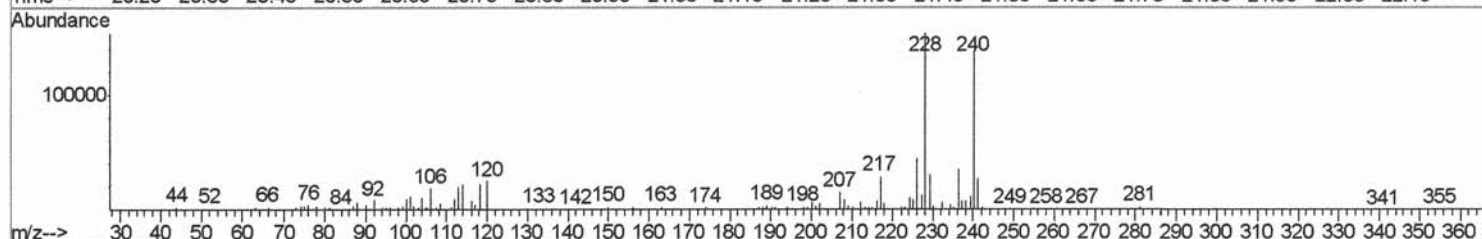
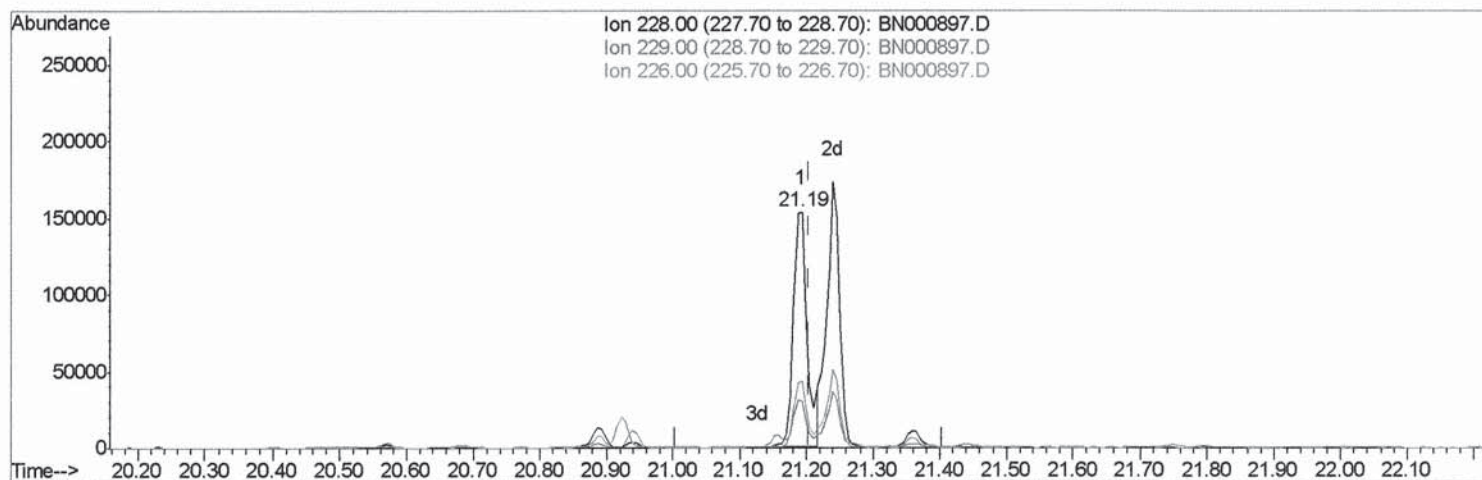
Quant Time: Apr 26 08:11:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 07:58:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000897.D

(20) Benzo(a)anthracene

21.192min (-0.012) 6.65ng/ul

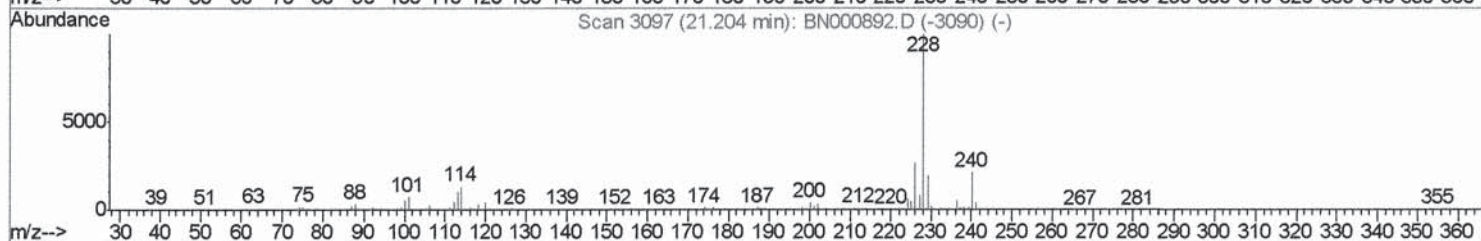
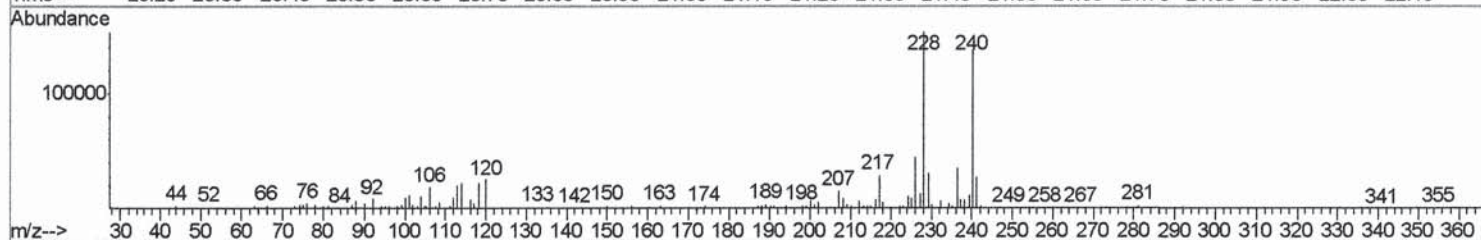
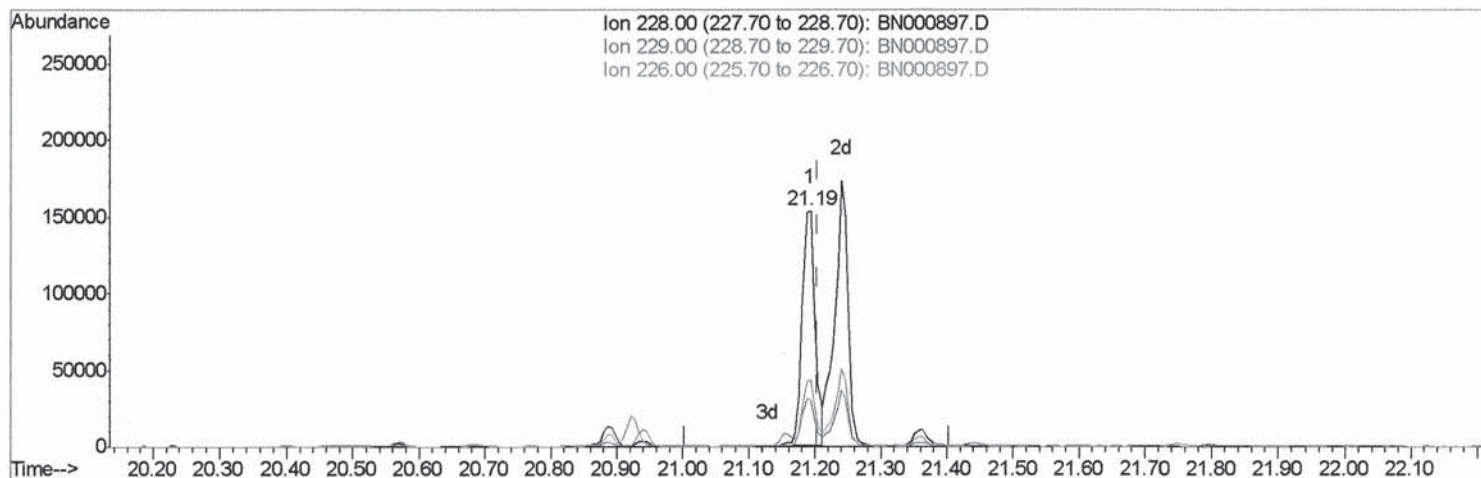
response 223881

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	19.86
226.00	26.40	28.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 07:58:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000897.D

(20) Benzo(a)anthracene

21.192min (-0.012) 6.29ng/ul

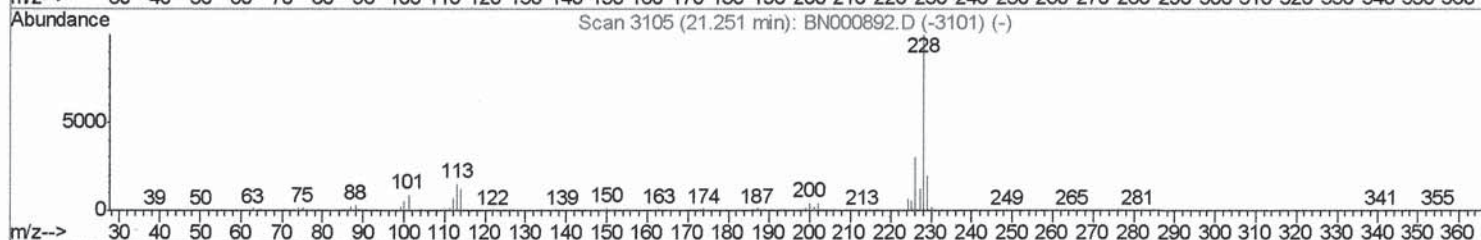
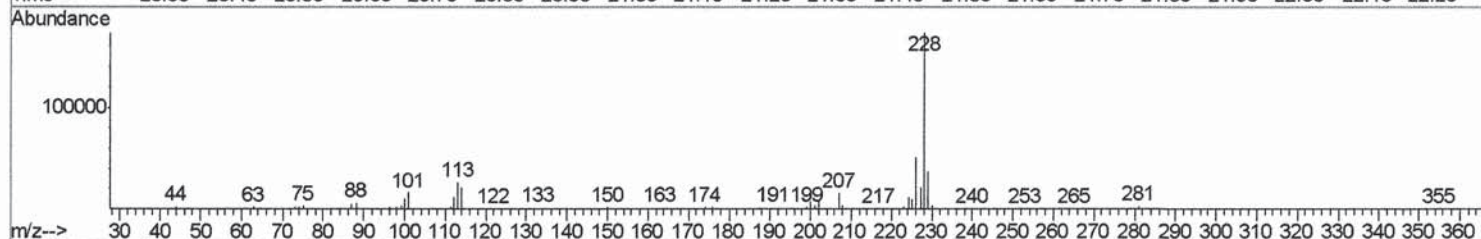
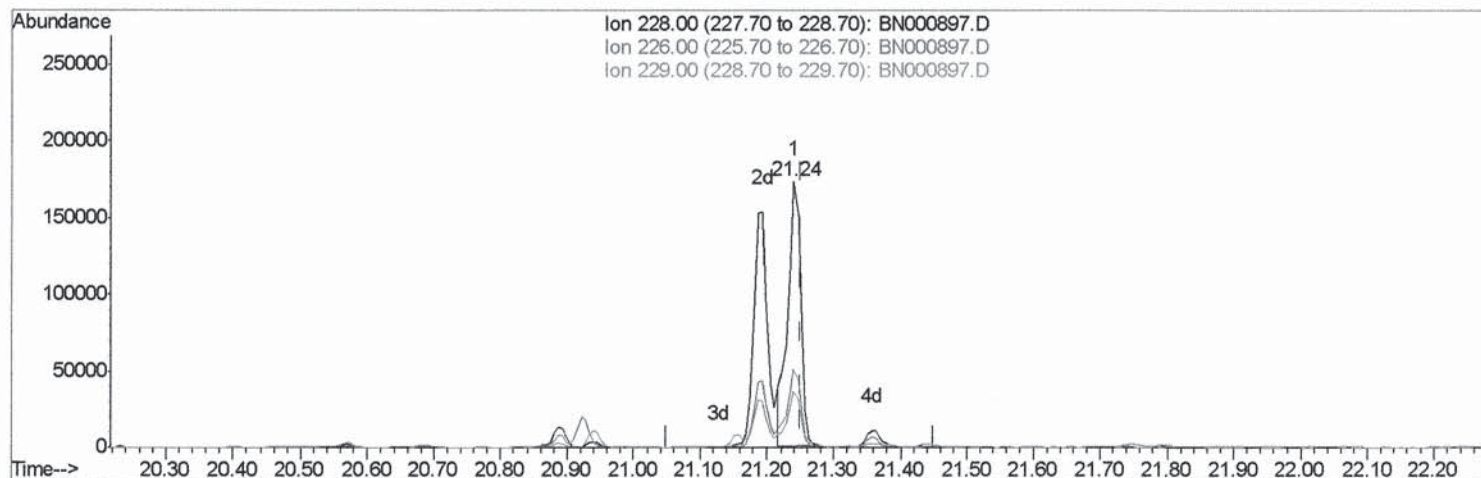
response 211755

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	19.86
226.00	26.40	28.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 07:58:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000897.D

(21) Chrysene

21.239min (-0.012) 7.27ng/ul

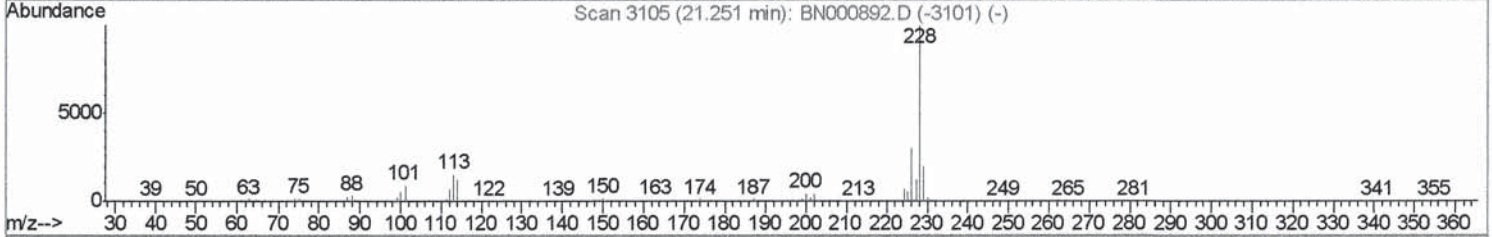
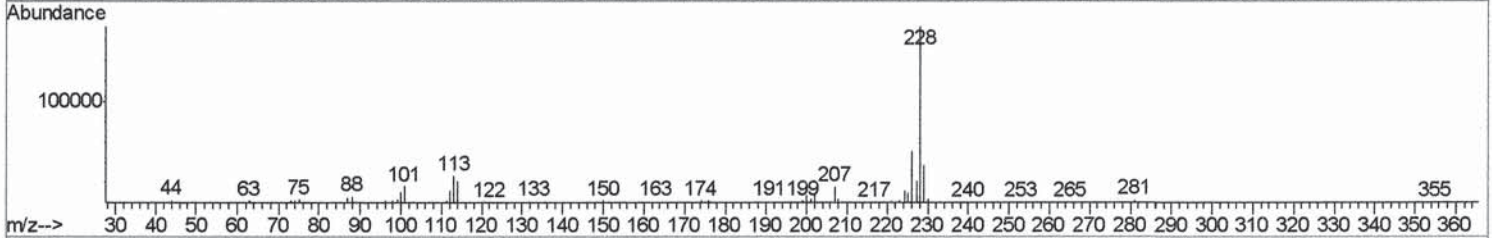
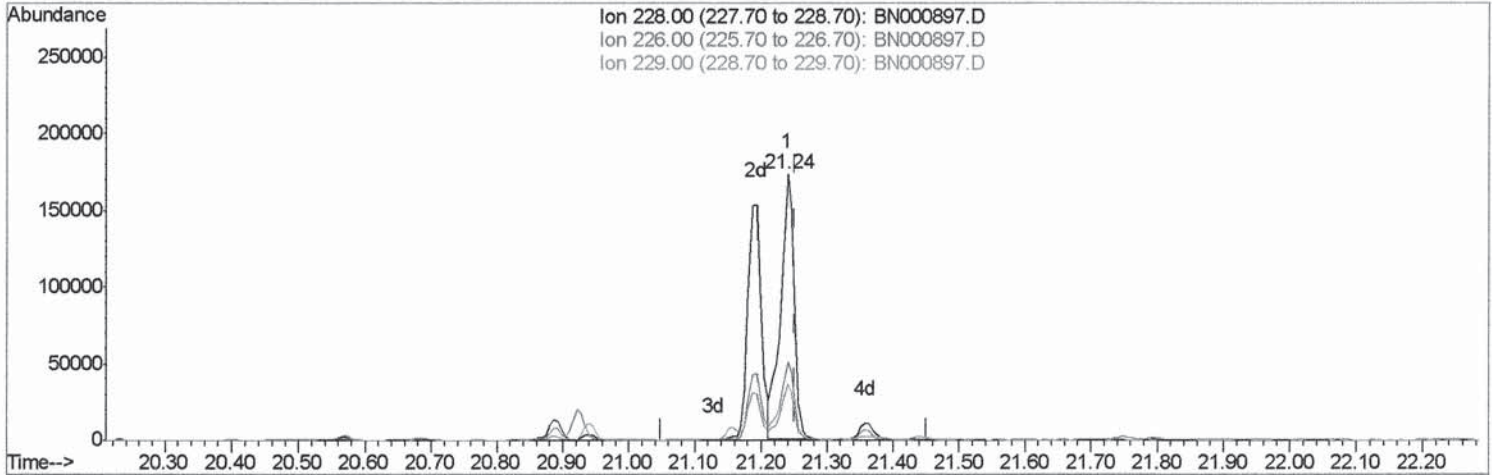
response 229861

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.62
229.00	19.80	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 07:58:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



(21) Chrysene

21.239min (-0.012) 7.78ng/ul m

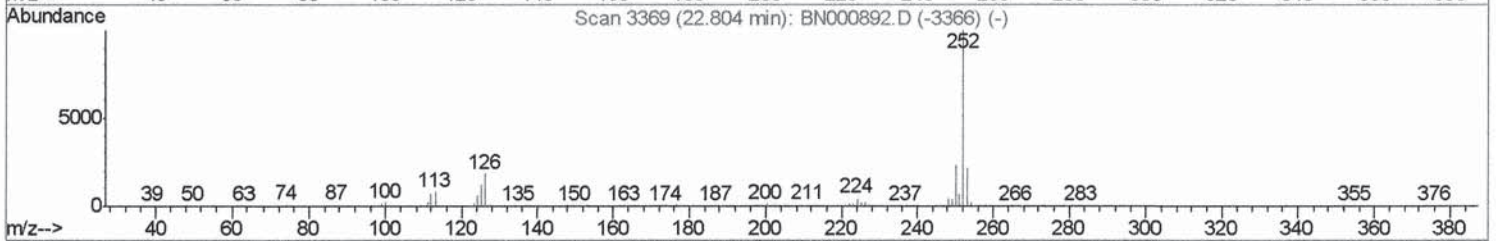
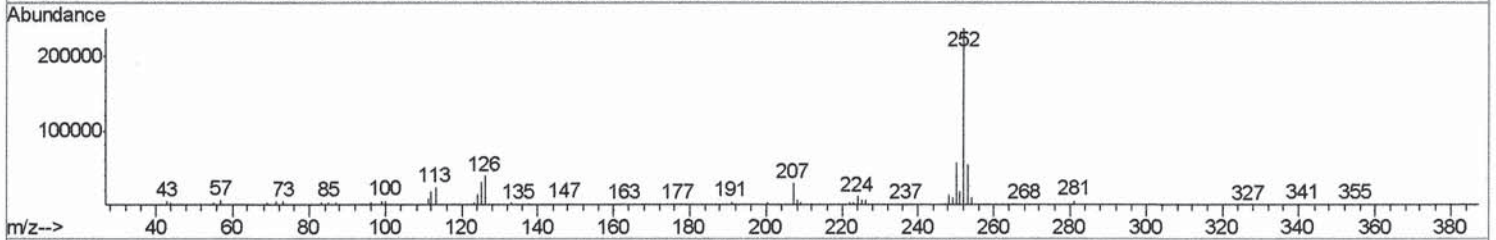
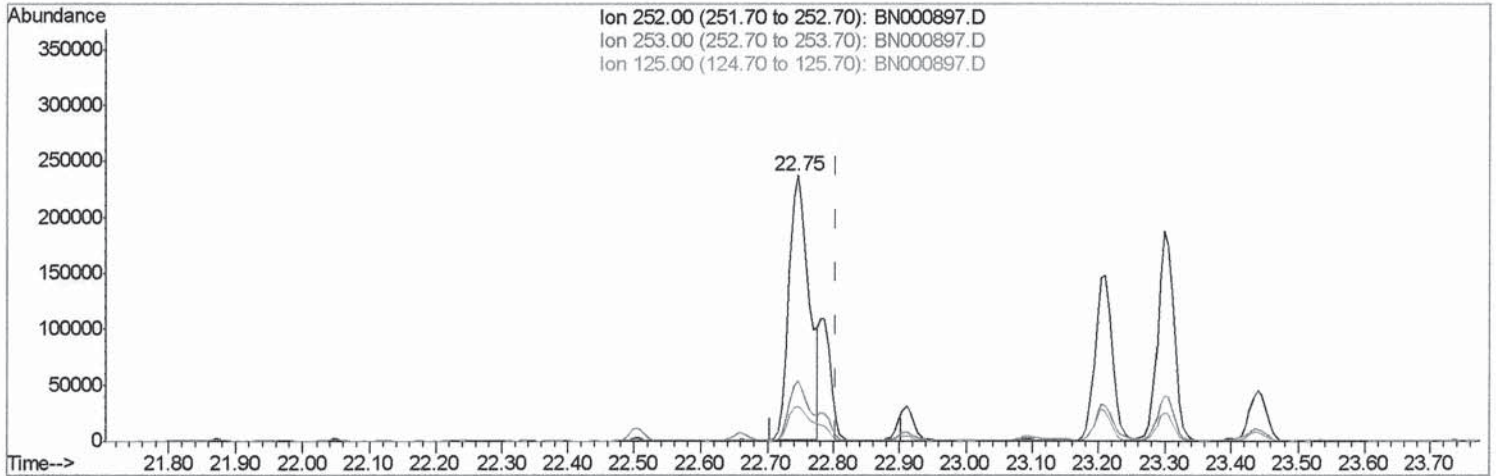
response 245919

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.62
229.00	19.80	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 07:58:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000897.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 15.29ng/ul

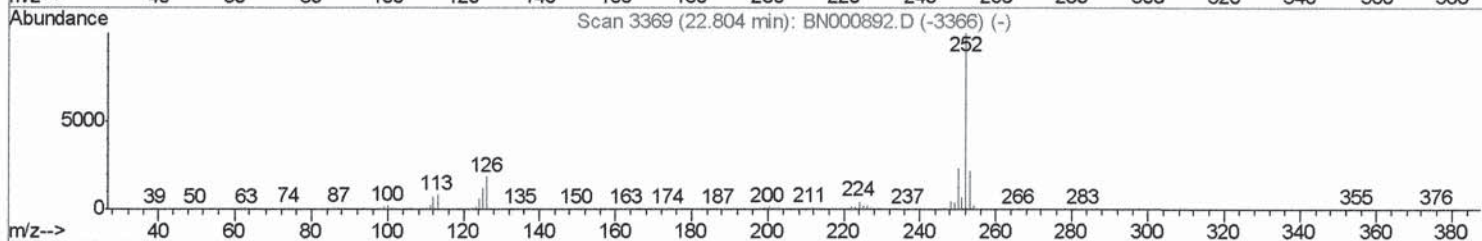
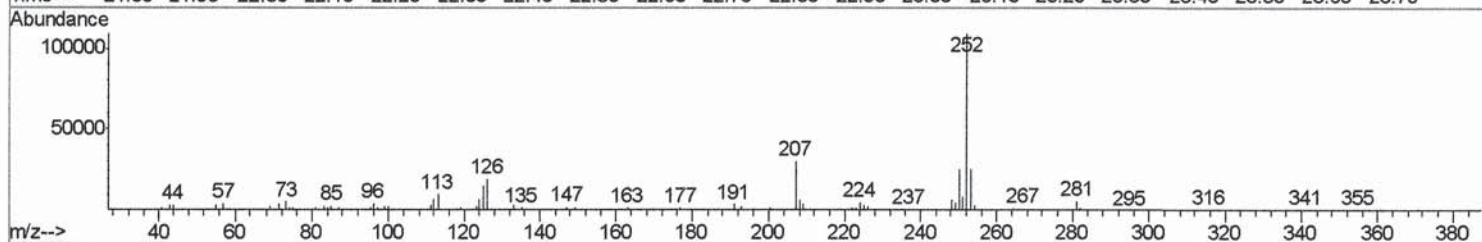
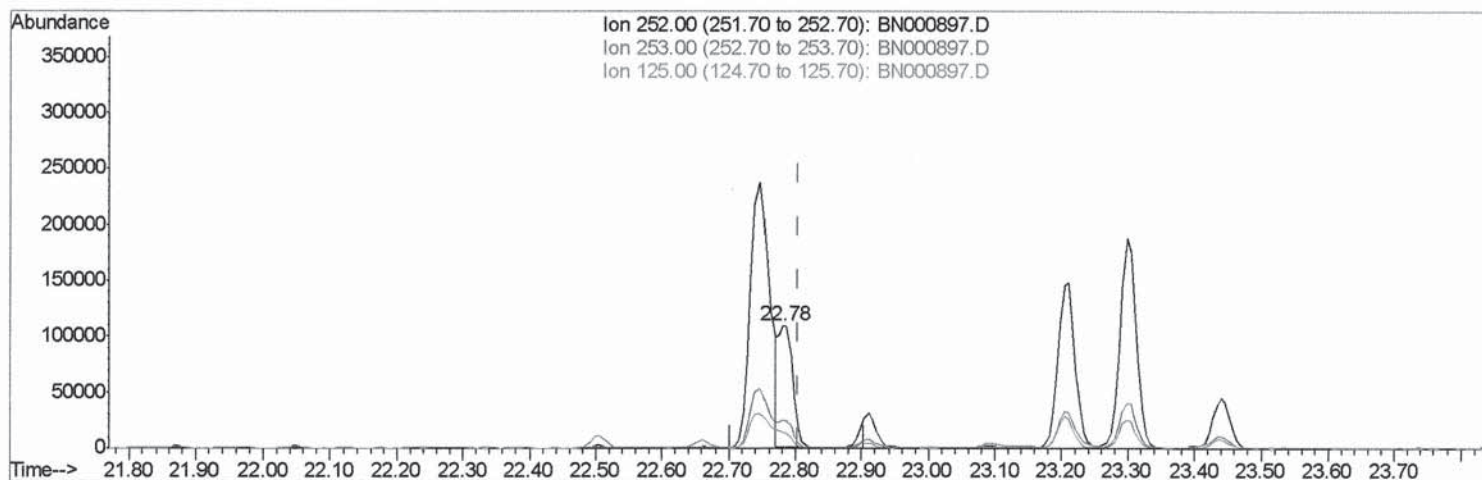
response 504376

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.90
125.00	10.10	13.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 07:58:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000897.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 5.04ng/ul m

response 166412

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.43
125.00	10.10	14.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 08:11:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133705	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	565963	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	283963	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	578887	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	562796	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	593266	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	801836	29.40	ng/ul	0.00
10) Fluorene-d10	15.25	176	556110	30.55	ng/ul	0.00
14) Anthracene-d10	17.10	188	799203	30.19	ng/ul	0.00
18) Pyrene-d10	19.40	212	845041	29.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	917756	32.75	ng/ul	-0.02

Target Compounds

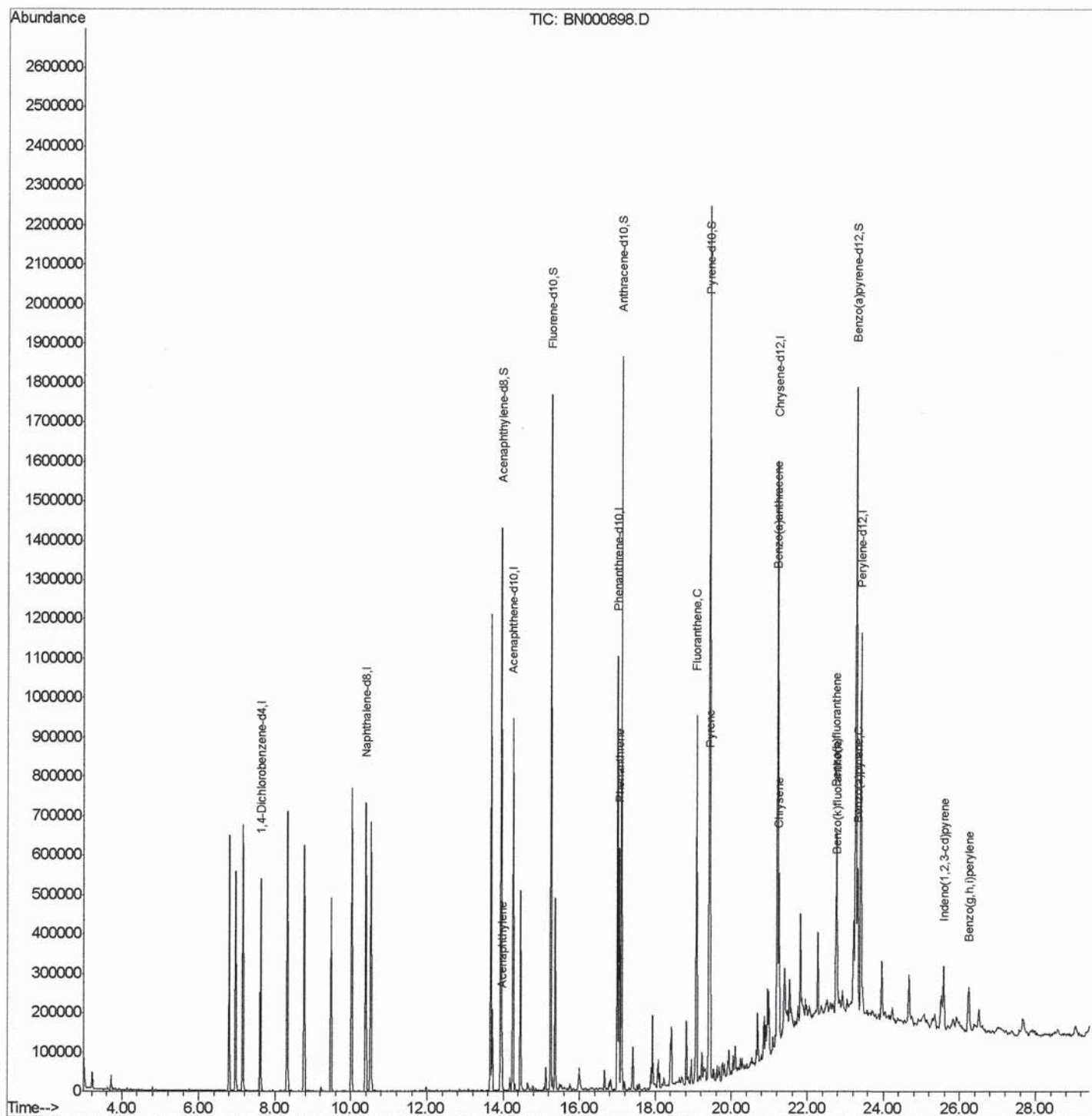
					Ovalue	
13) Phenanthrene	17.04	178	192522	6.098	ng/ul	99
16) Fluoranthene	19.06	202	367208	11.463	ng/ul#	92
19) Pyrene	19.43	202	319335	8.834	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	211755m	6.294	ng/ul	} J404/27/18
21) Chrysene	21.24	228	245919m	7.777	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	469678	13.931	ng/ul#	97
24) Benzo(k)fluoranthene	22.78	252	166412m	5.044	ng/ul	} J404/27/18
26) Benzo(a)pyrene	23.30	252	316229	9.814	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	25.56	276	303893	7.809	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.57	278	81126	2.501	ng/ul#	85
29) Benzo(a,h,i)perylene	26.23	276	272627	8.376	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

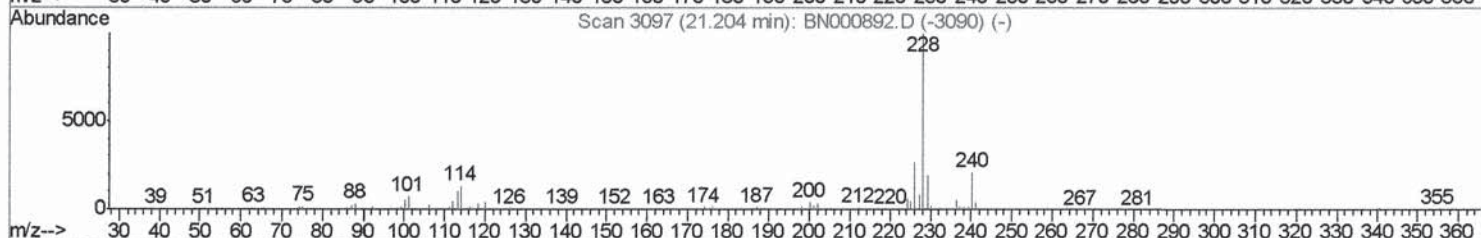
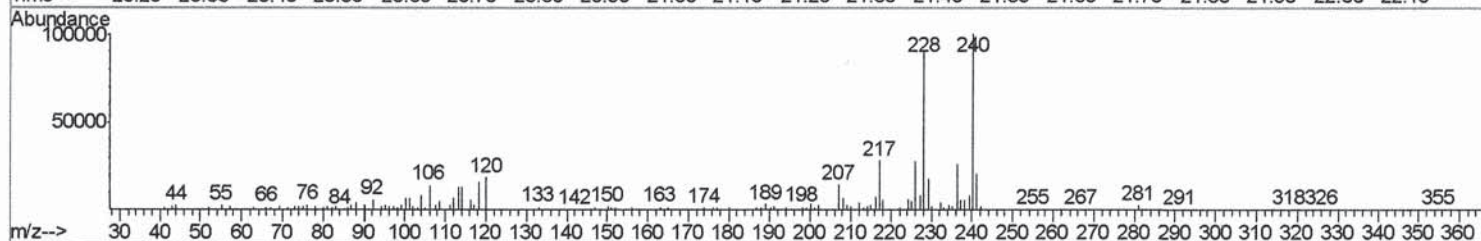
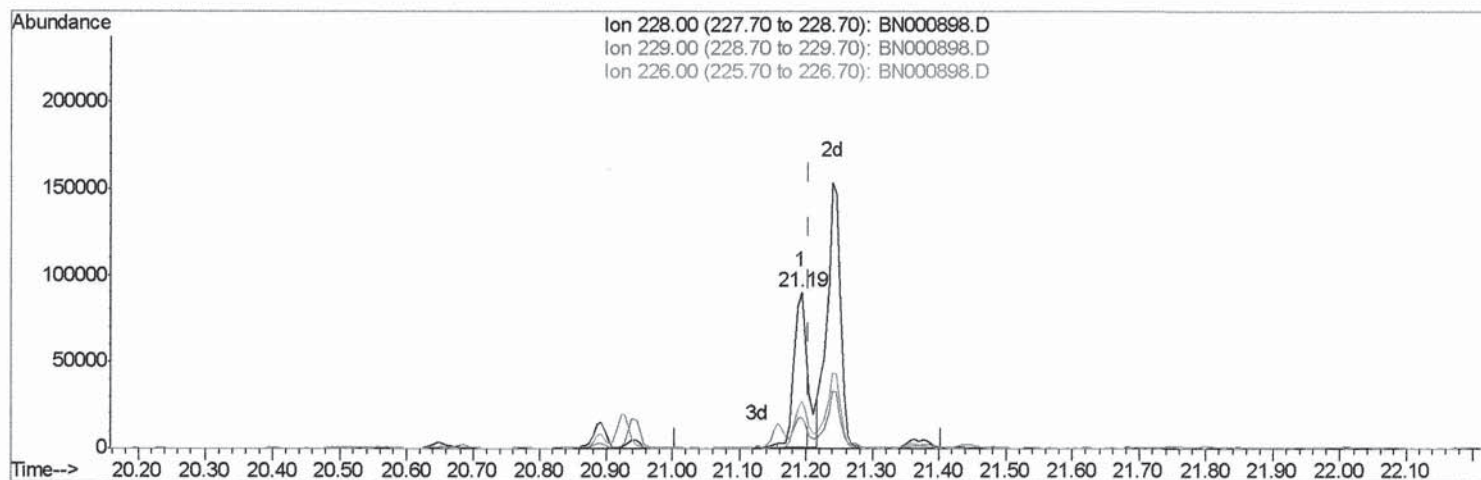
Quant Time: Apr 26 08:13:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(20) Benzo(a)anthracene

21.192min (-0.012) 3.91ng/ul

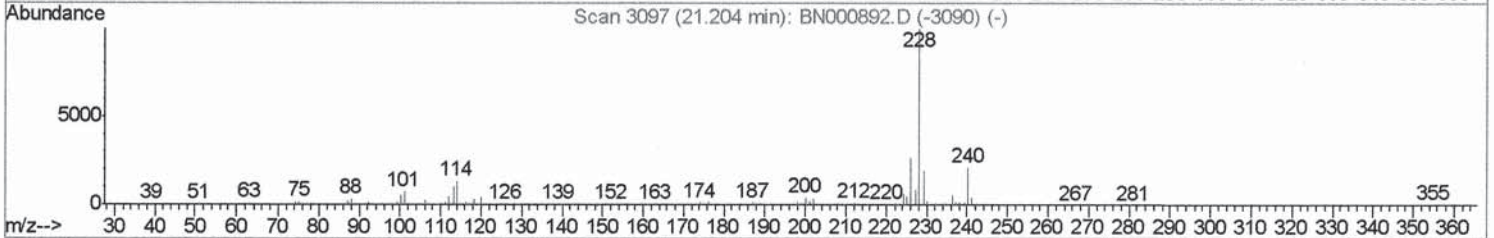
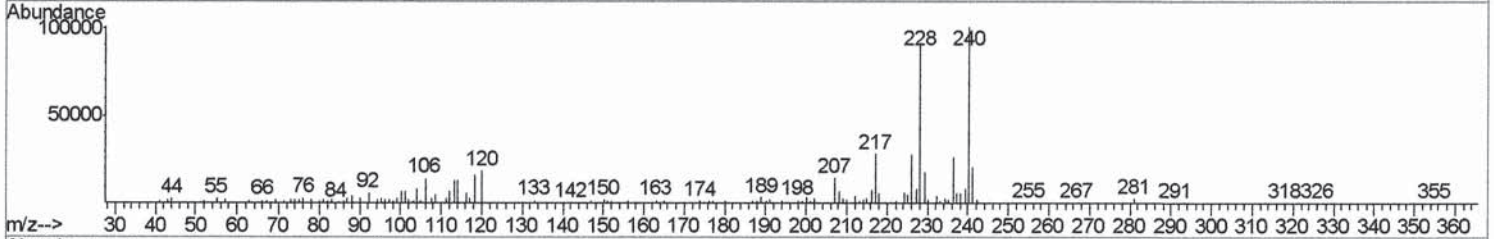
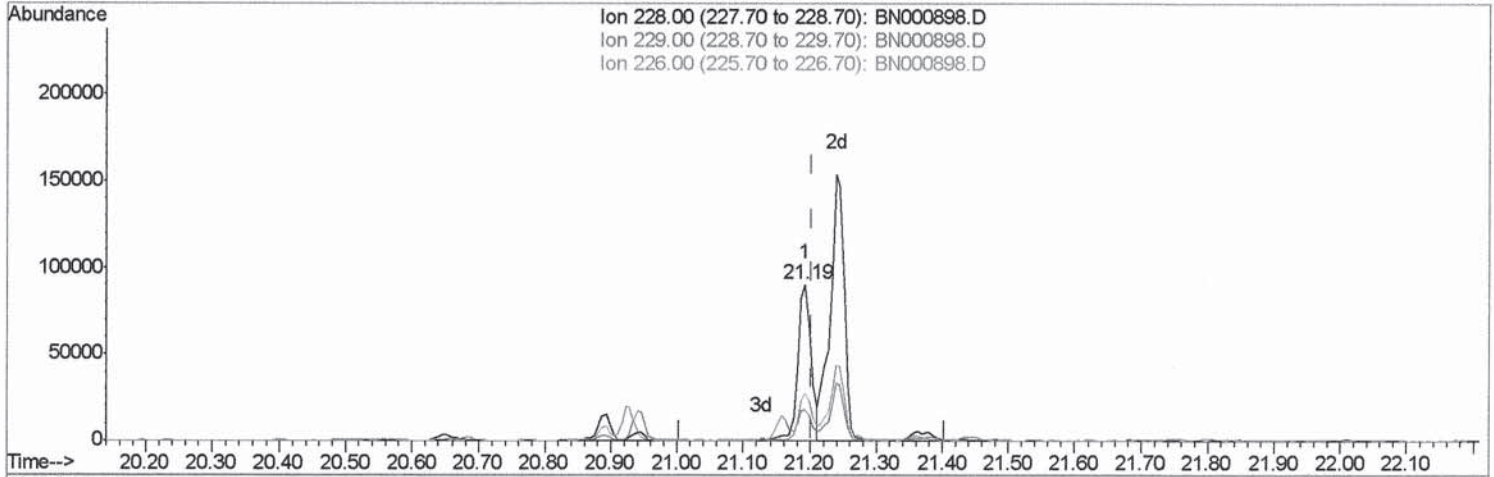
response 132641

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	19.98
226.00	26.40	31.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(20) Benzo(a)anthracene

21.192min (-0.012) 3.70ng/ul m

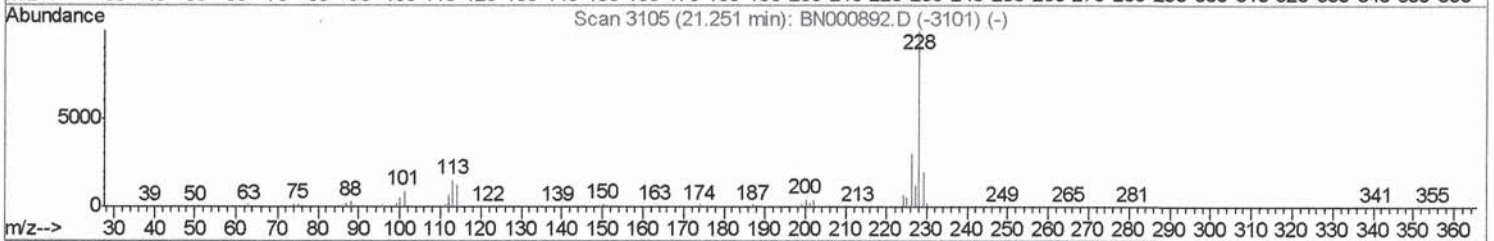
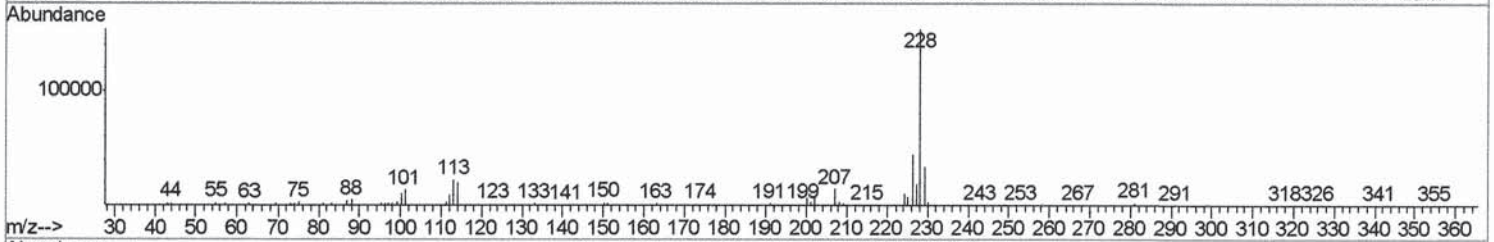
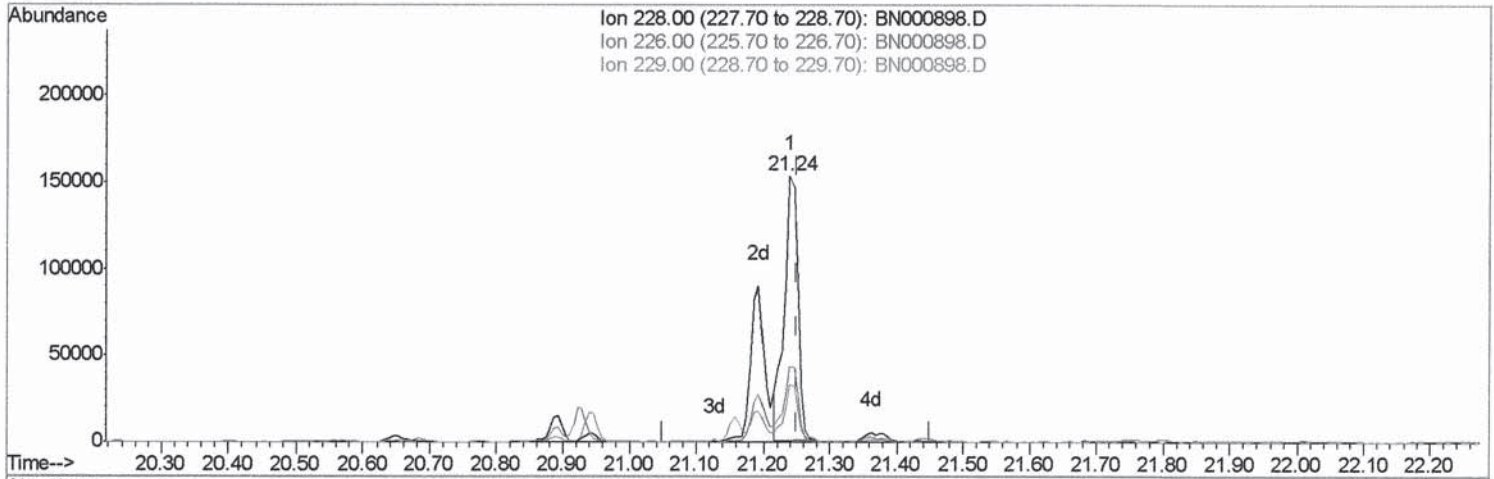
response 125431

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	19.98
226.00	26.40	31.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(21) Chrysene

21.239min (-0.012) 6.74ng/ui

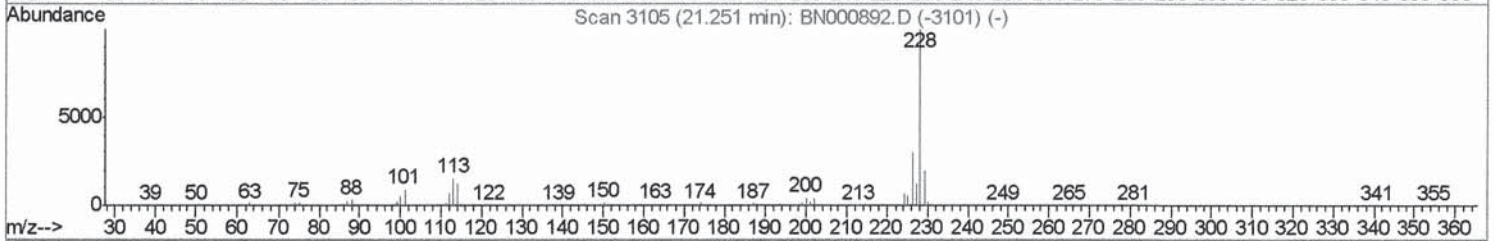
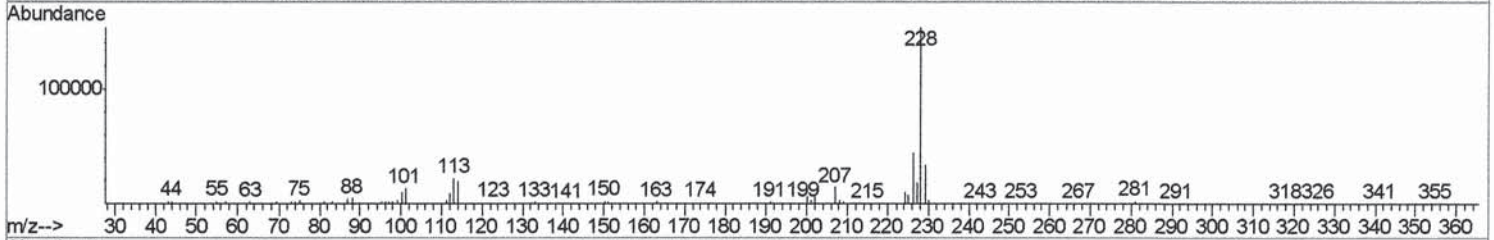
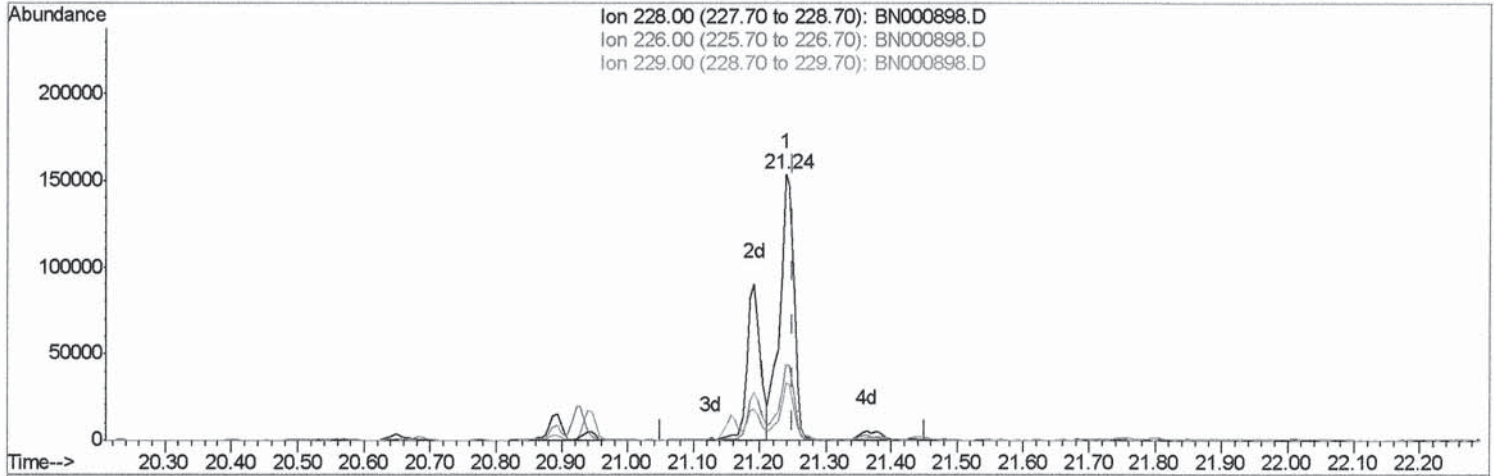
response 214787

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	28.63
229.00	19.80	22.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(21) Chrysene

21.239min (-0.012) 7.18ng/ul m

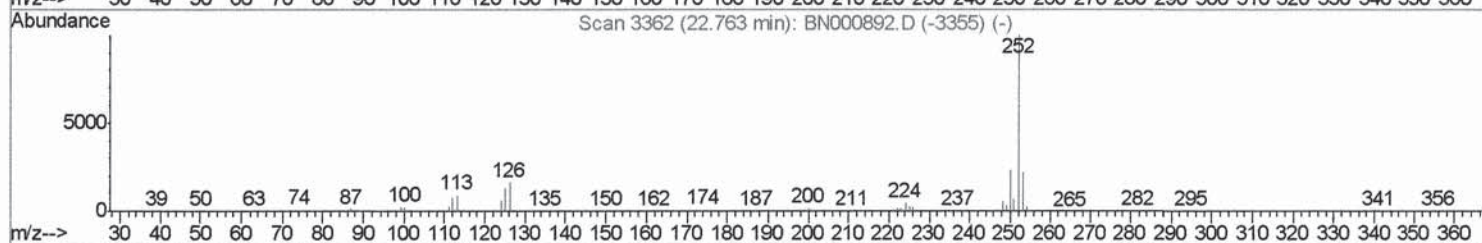
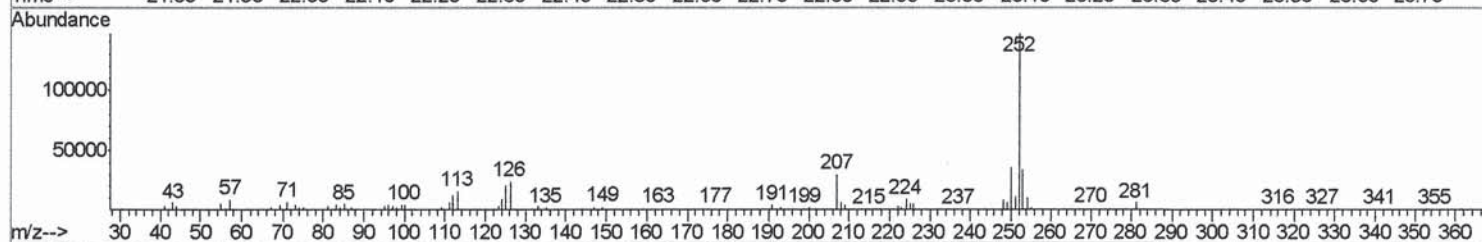
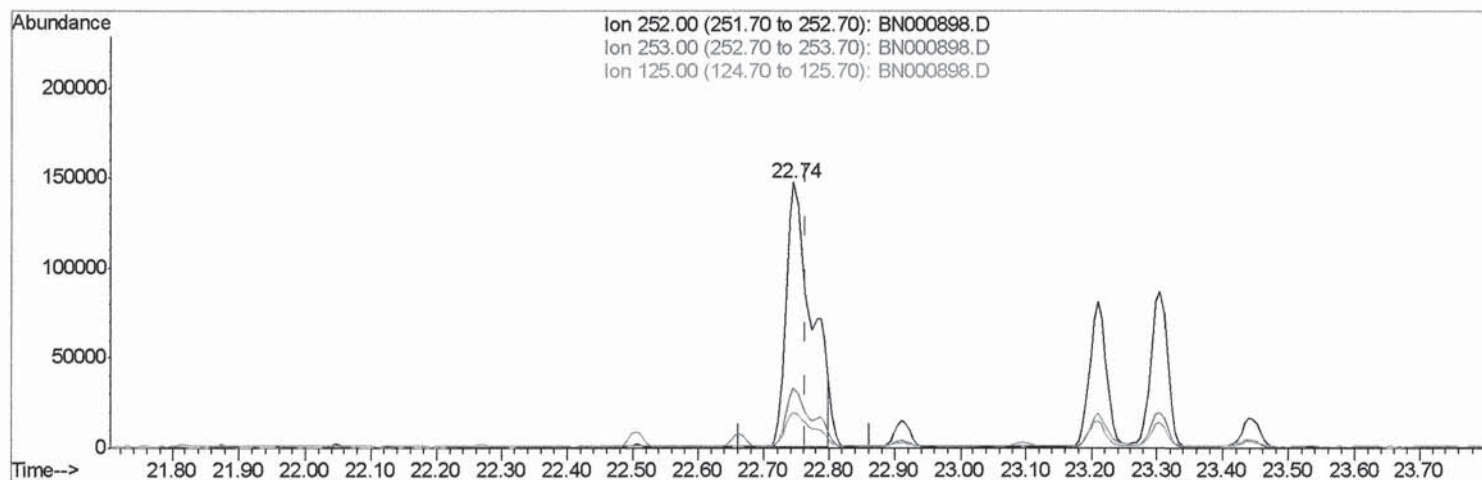
response 228740

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	28.63
229.00	19.80	22.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 11.69ng/ui

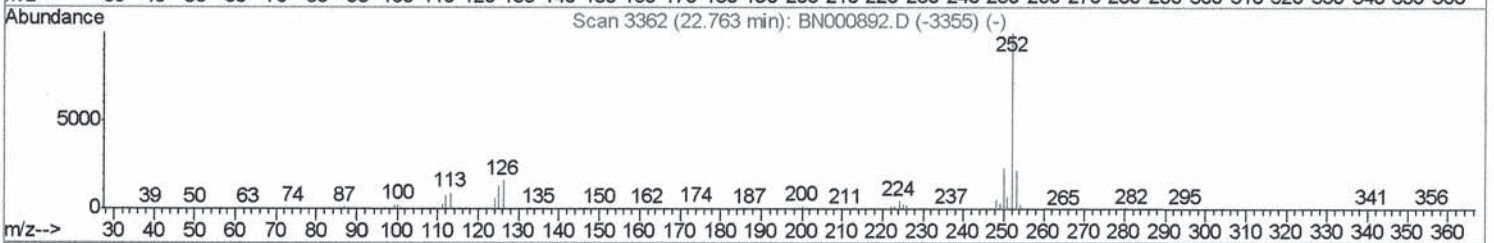
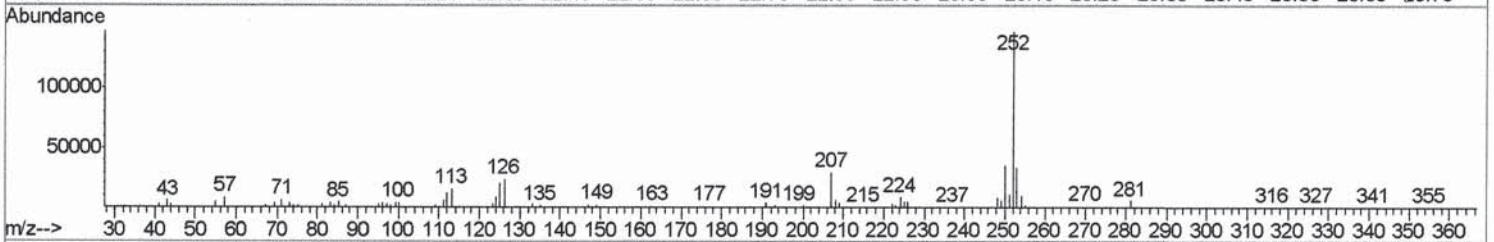
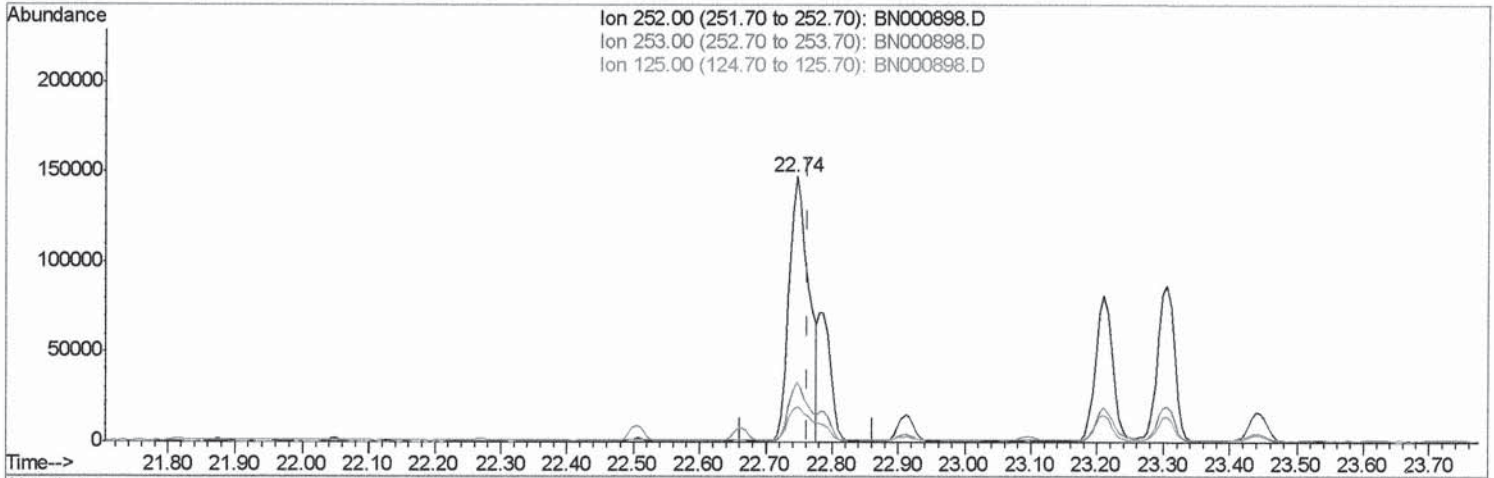
response 393180

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.80
125.00	10.00	13.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 9.22ng/ul m

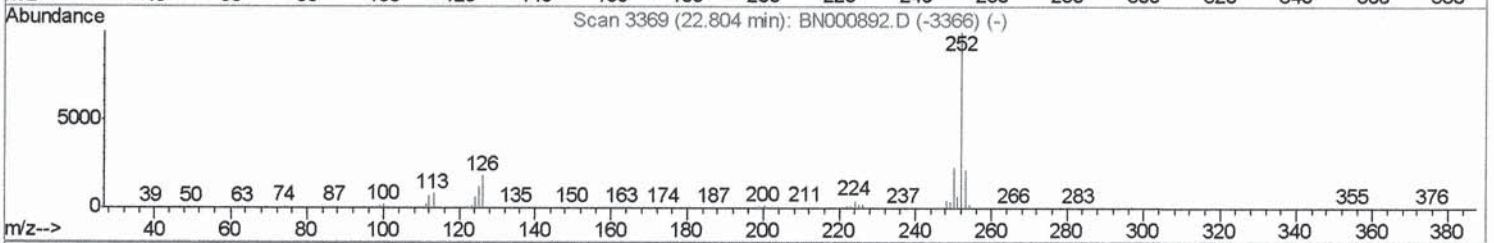
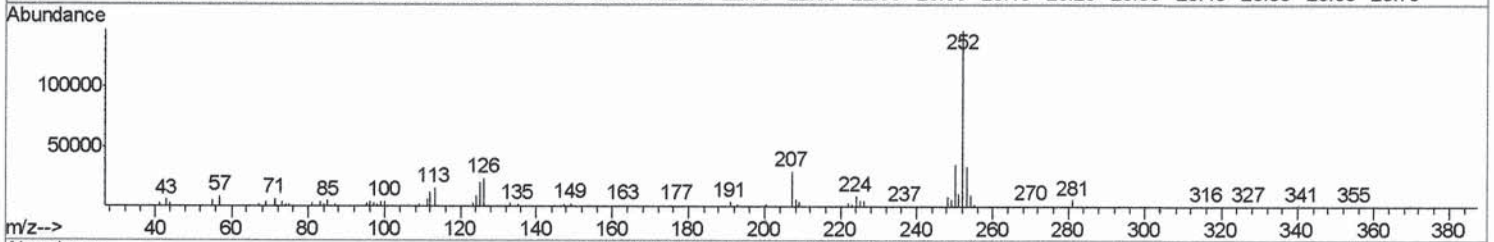
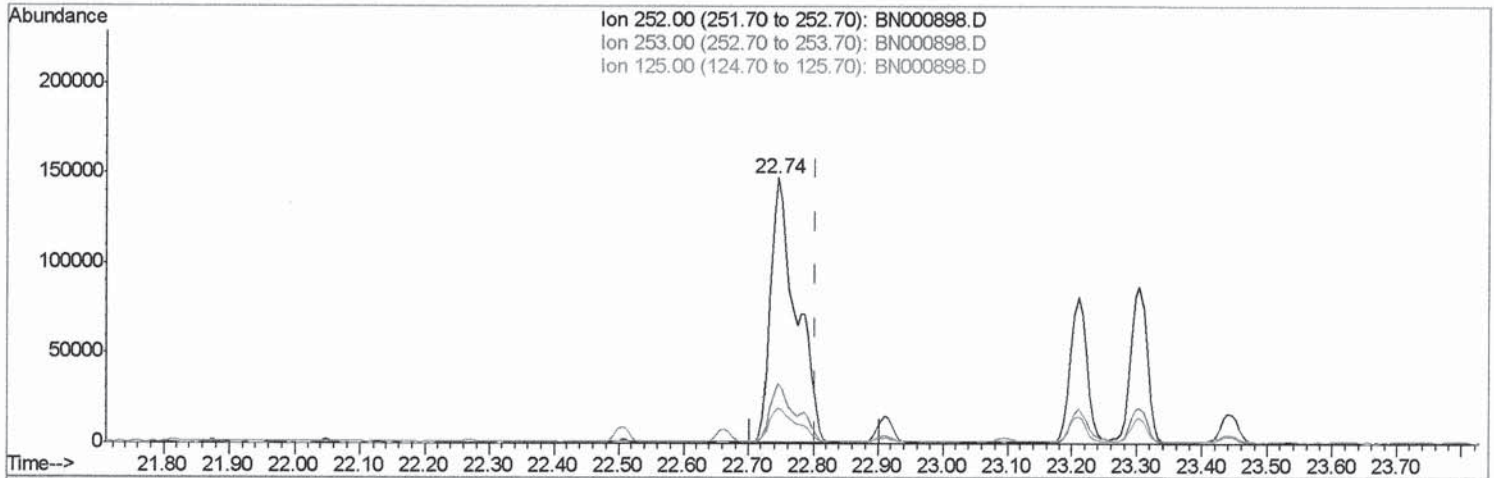
response 310077

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.80
125.00	10.00	13.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 12.12ng/ul

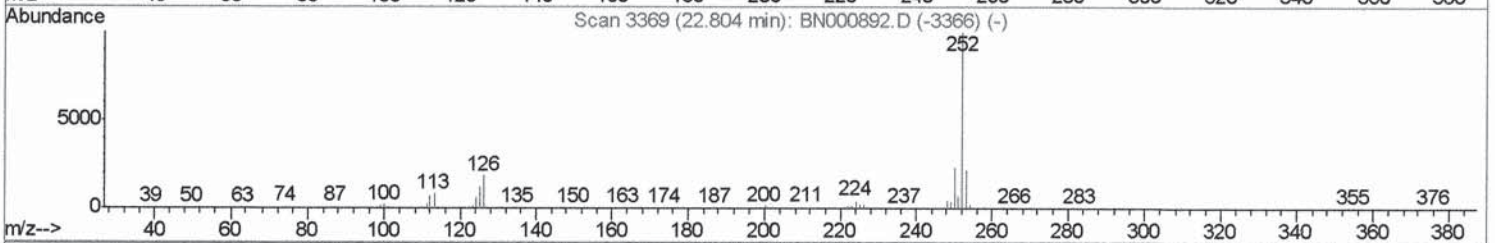
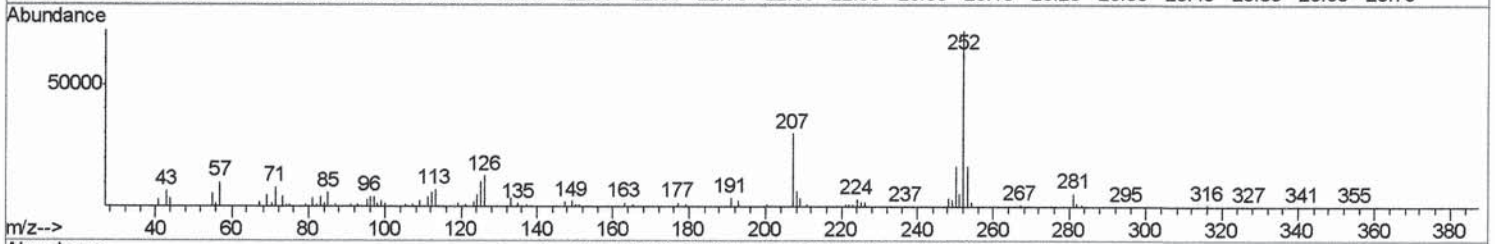
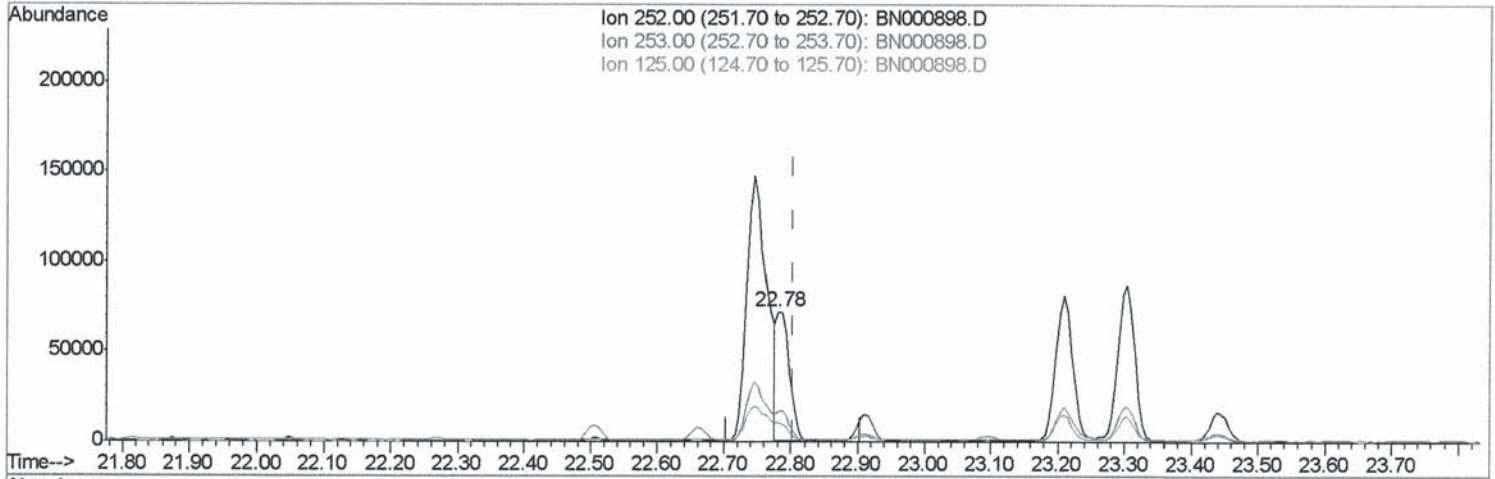
response 398957

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.80
125.00	10.10	13.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000898.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 2.84ng/ul m

response 93600

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.64
125.00	10.10	14.70#
0.00	0.00	0.00

JU 04/27/18

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 08:13:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133930	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	569823	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	286354	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	587202	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	566790	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	592050	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	906854	32.97	ng/ul	0.00
10) Fluorene-d10	15.25	176	636356	34.67	ng/ul	0.00
14) Anthracene-d10	17.10	188	927291	34.53	ng/ul	0.00
18) Pyrene-d10	19.40	212	988435	34.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1070327	38.27	ng/ul	-0.01

Target Compounds

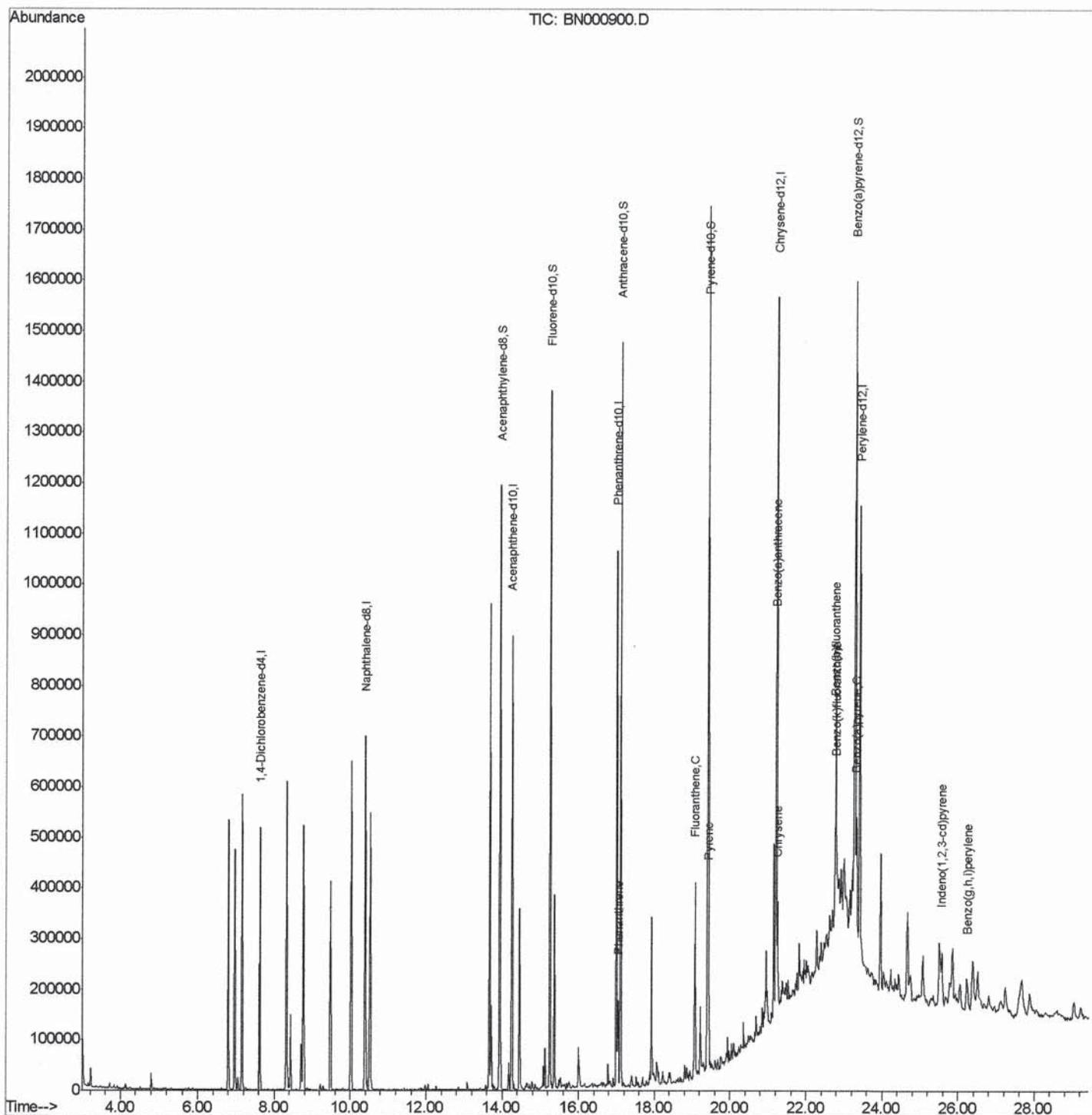
					Ovalue	
8) Acenaphthylene	13.97	152	27490	1.010	ng/ul	98
13) Phenanthrene	17.04	178	336305	10.501	ng/ul	99
16) Fluoranthene	19.06	202	525530	16.174	ng/ul#	91
19) Pyrene	19.43	202	376340	10.337	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	125431m	3.702	ng/ul	
21) Chrysene	21.24	228	228740m	7.183	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	310077m	9.216	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	93600m	2.843	ng/ul	
26) Benzo(a)pyrene	23.30	252	152678	4.748	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	136215	3.507	ng/ul#	88
29) Benzo(g,h,i)perylene	26.23	276	115504	3.556	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

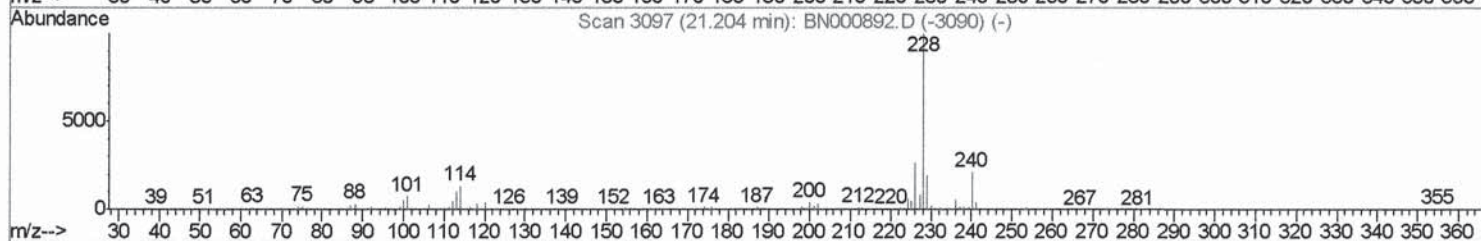
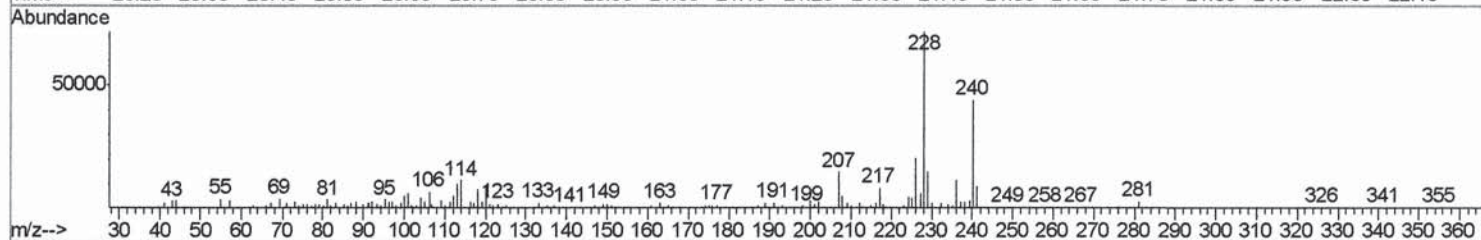
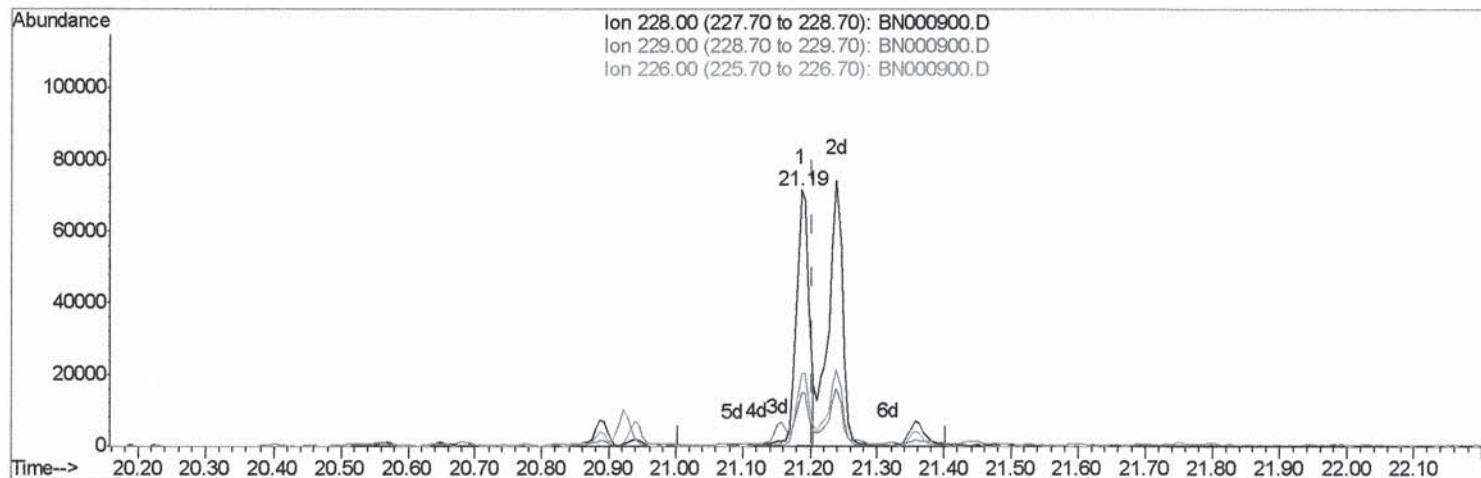
Quant Time: Apr 26 08:16:00 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



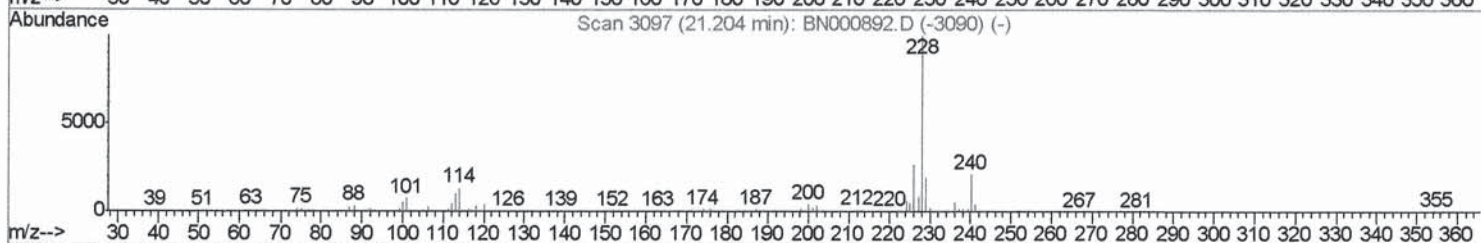
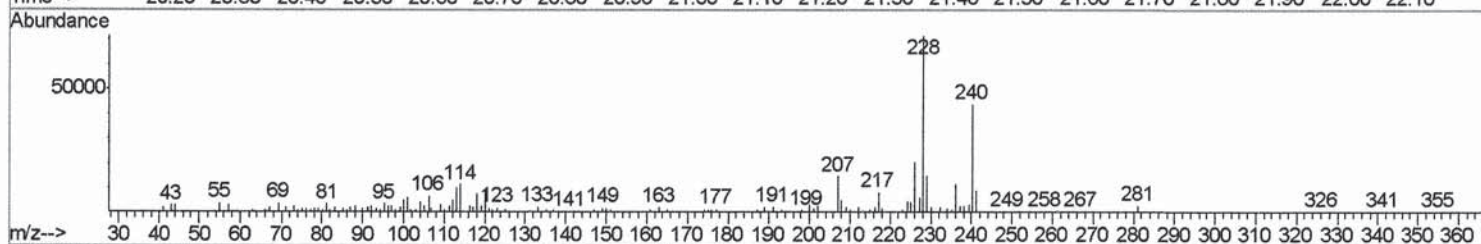
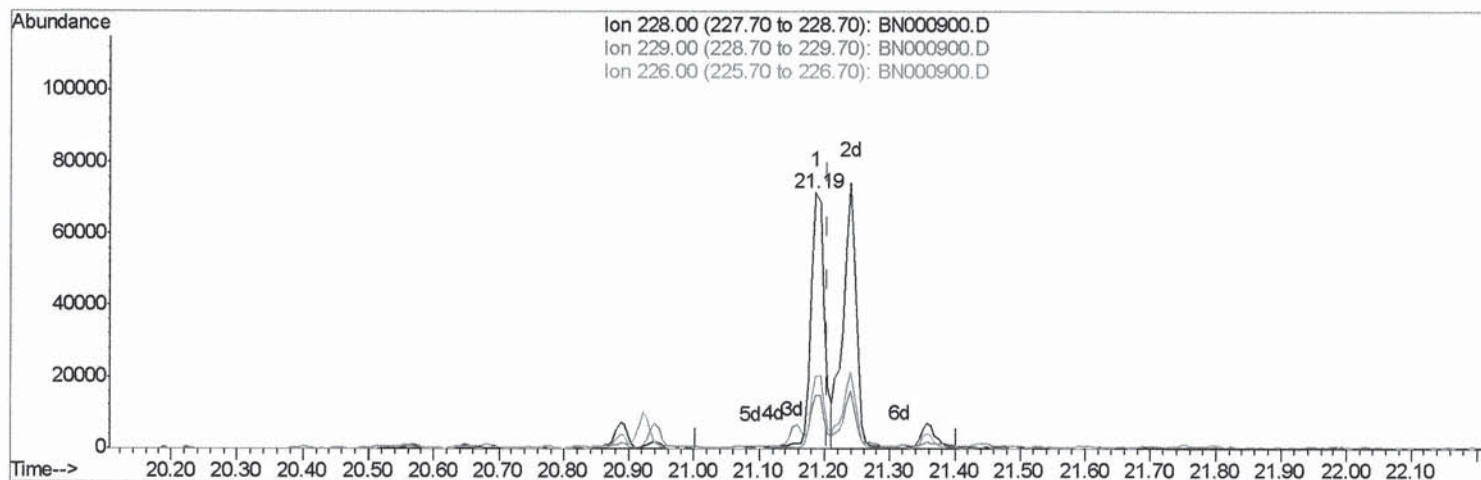
(20) Benzo(a)anthracene
 21.186min (-0.018) 2.90ng/ul
 response 94525

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.76
226.00	26.40	28.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(20) Benzo(a)anthracene

21.186min (-0.018) 3.14ng/ul m

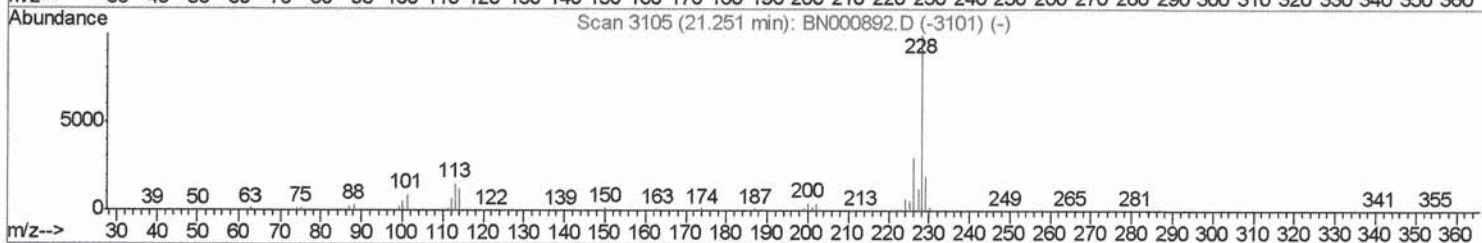
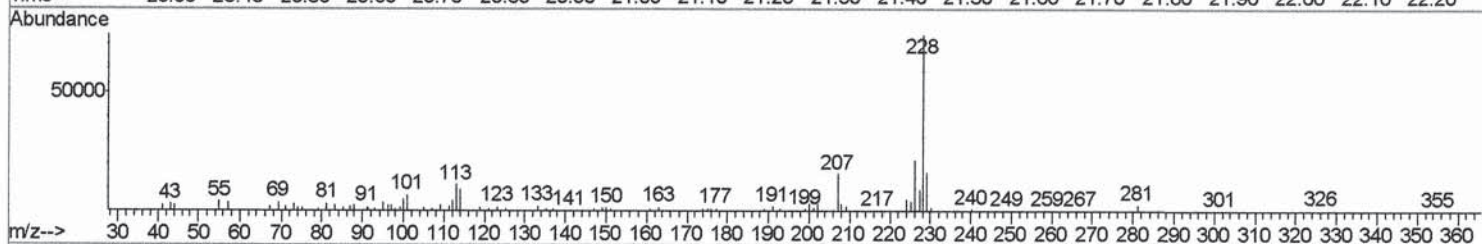
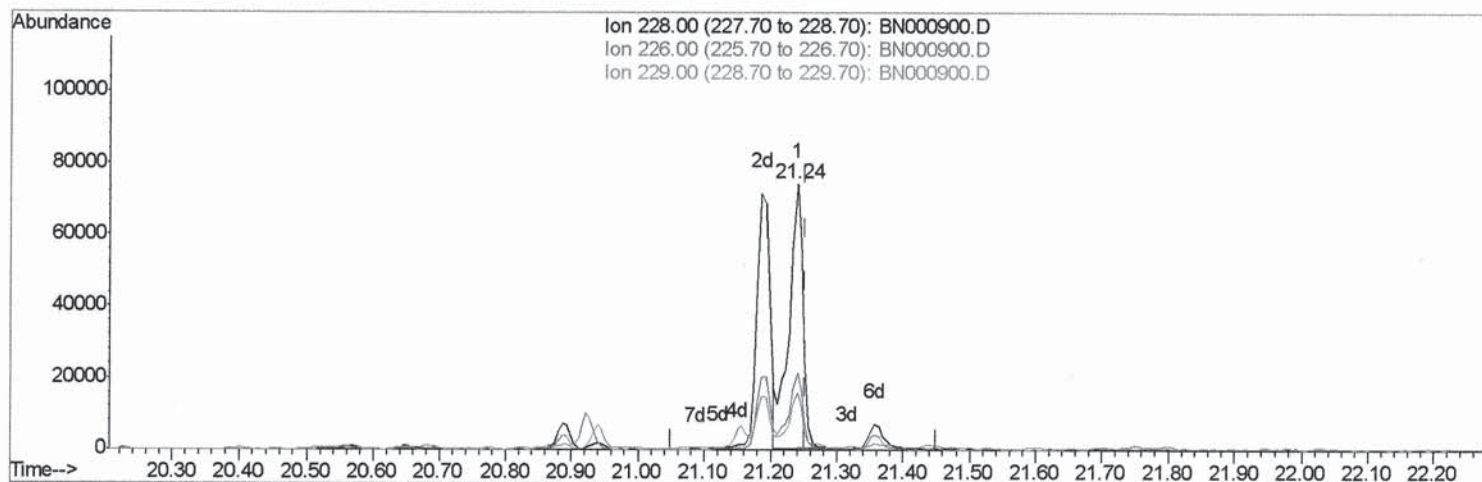
response 102135

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.76
226.00	26.40	28.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(21) Chrysene

21.239min (-0.012) 3.50ng/ul

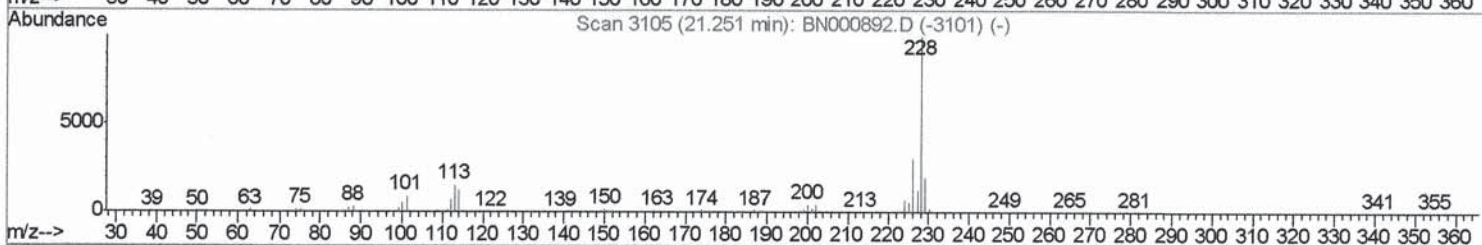
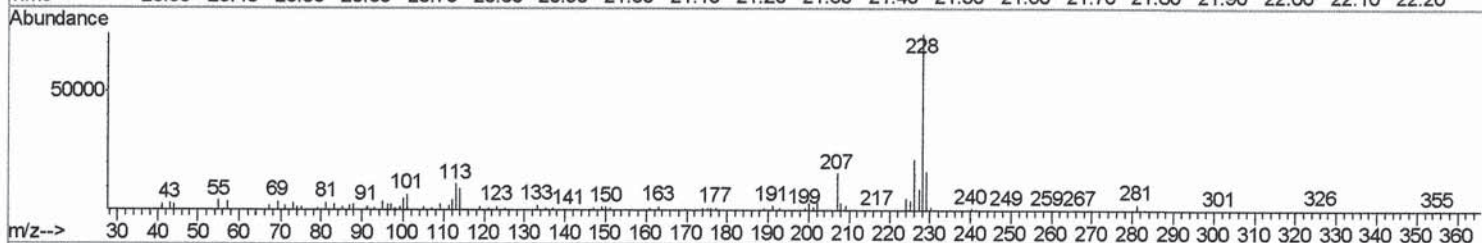
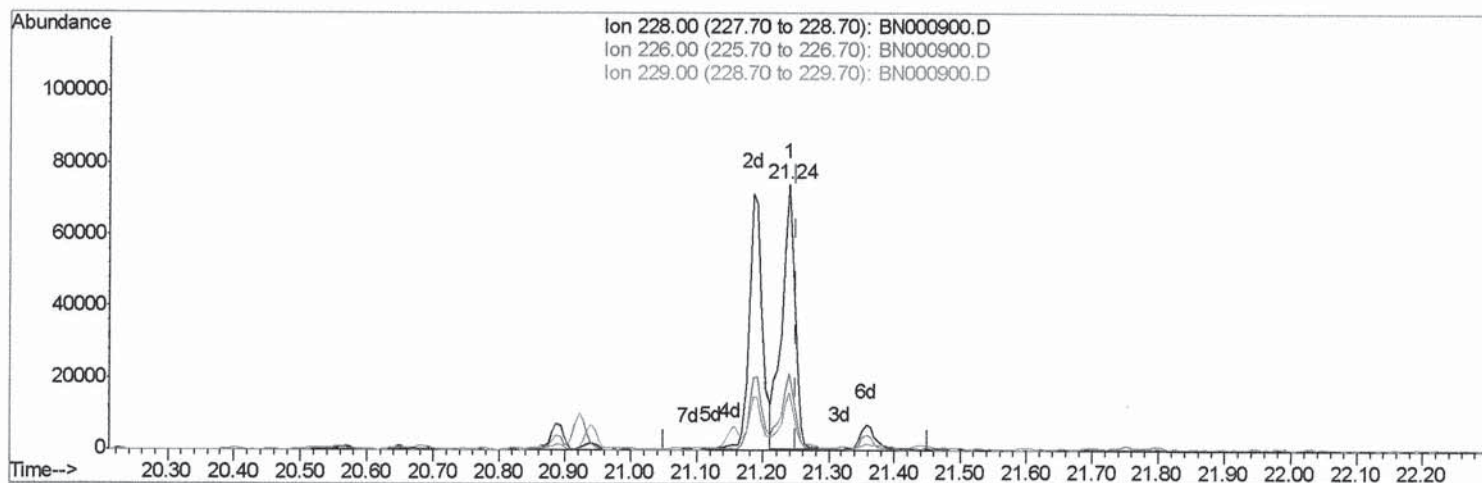
response 107135

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.09
229.00	19.80	22.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(21) Chrysene

21.239min (-0.012) 3.39ng/ul m

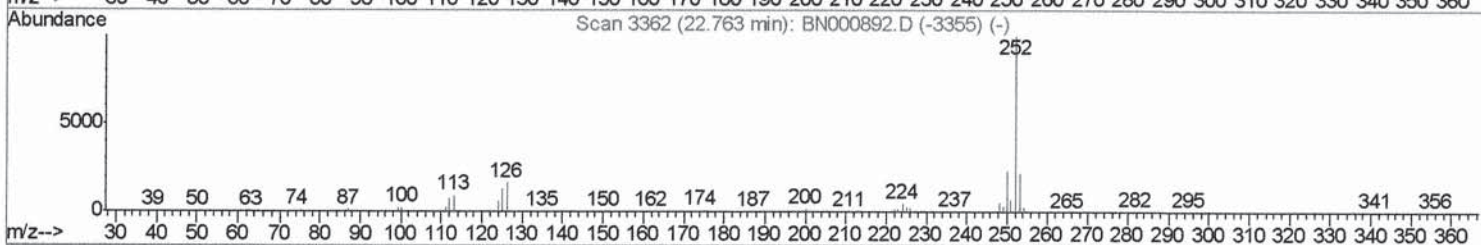
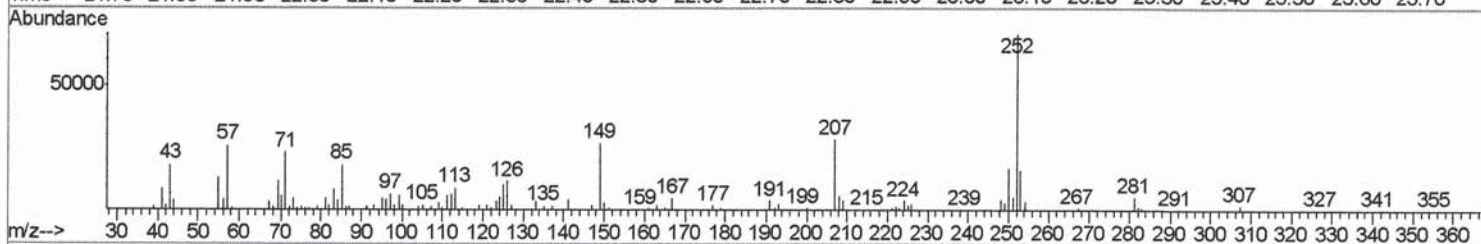
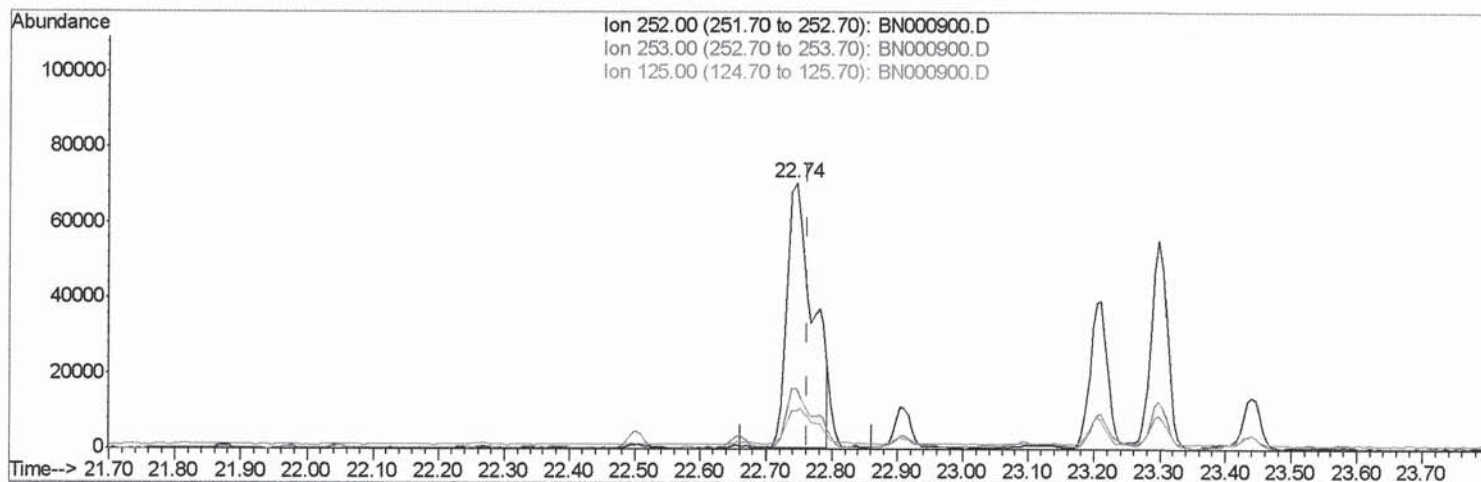
response 103570

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.09
229.00	19.80	22.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 6.01ng/ul

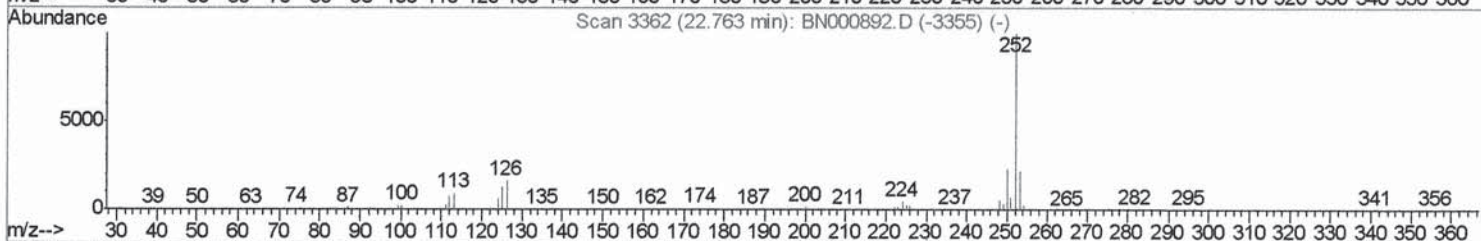
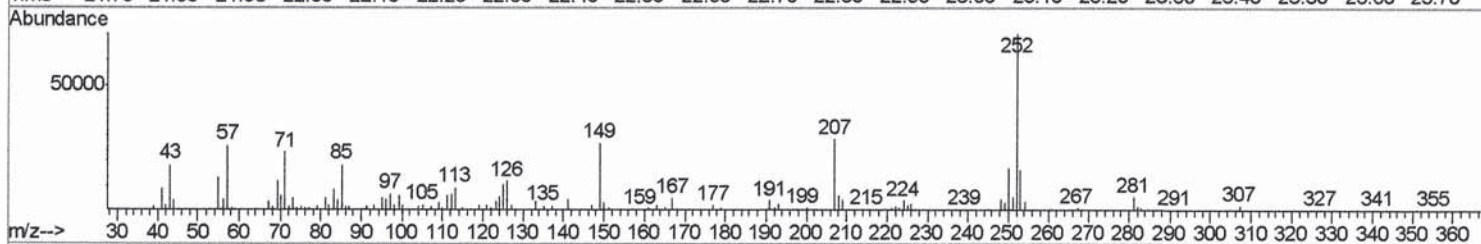
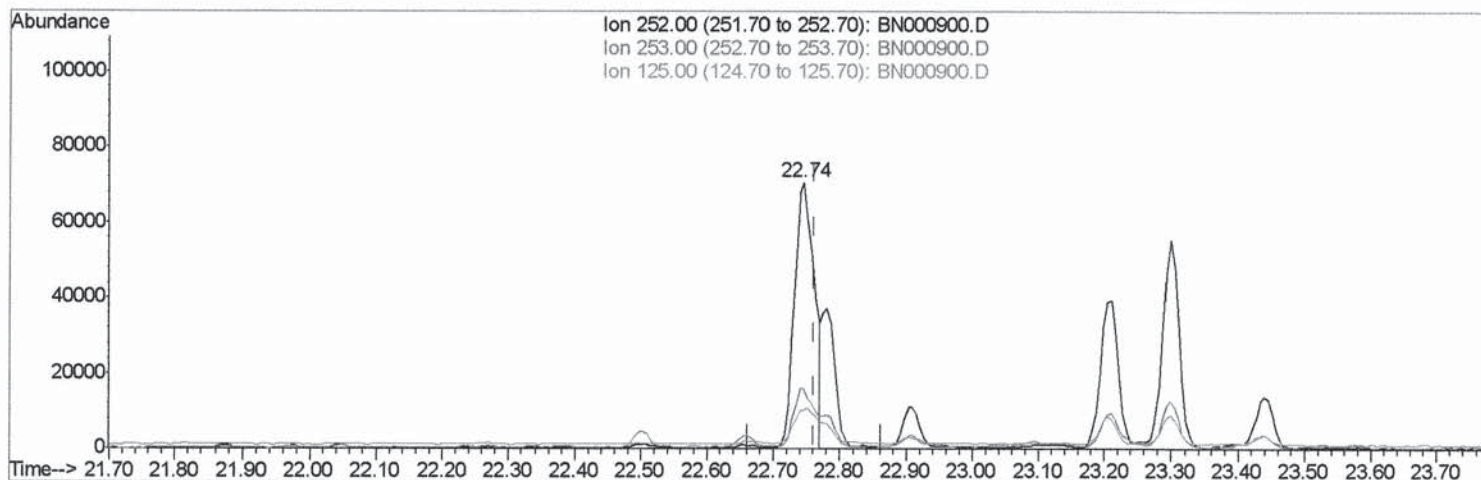
response 191343

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.00	14.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.64ng/ul m

response 147652

Ion Exp% Act%

252.00 100 100

253.00 22.50 22.84

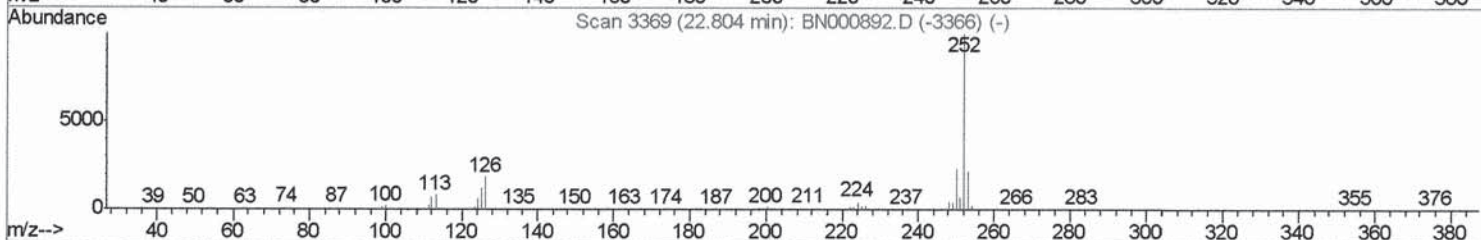
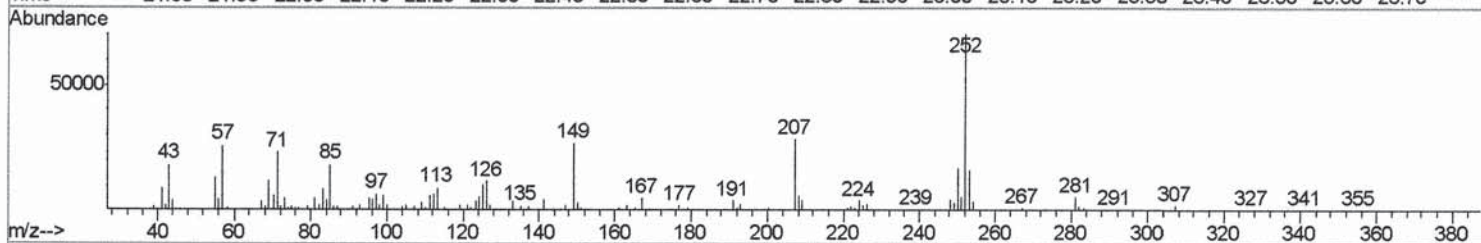
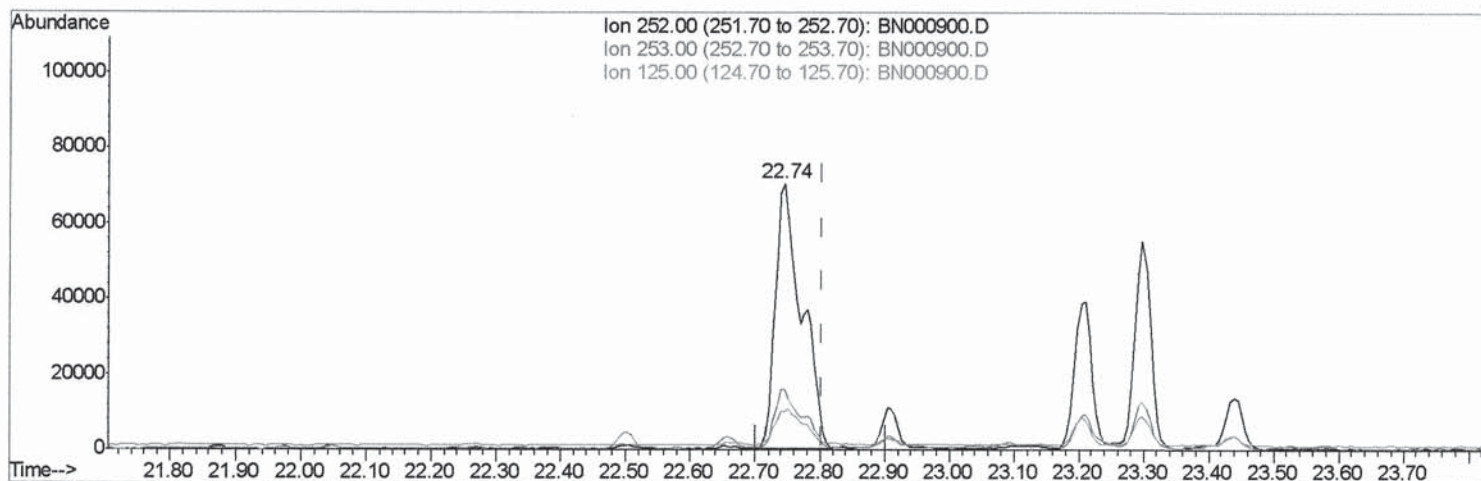
125.00 10.00 14.48#

0.00 0.00 0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 6.33ng/ul

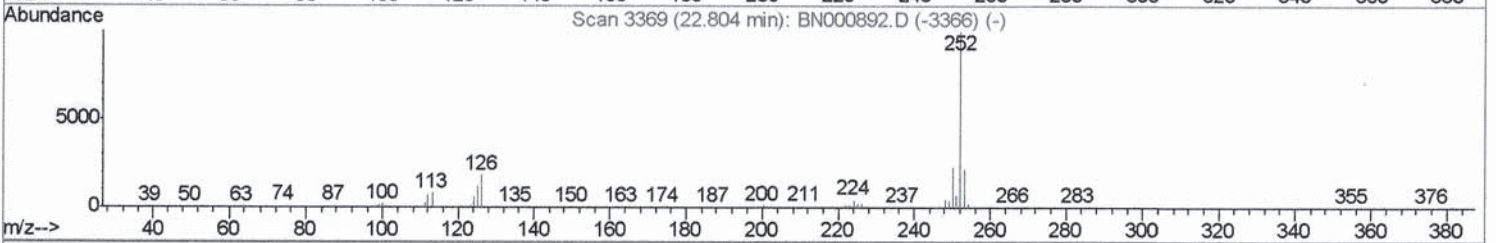
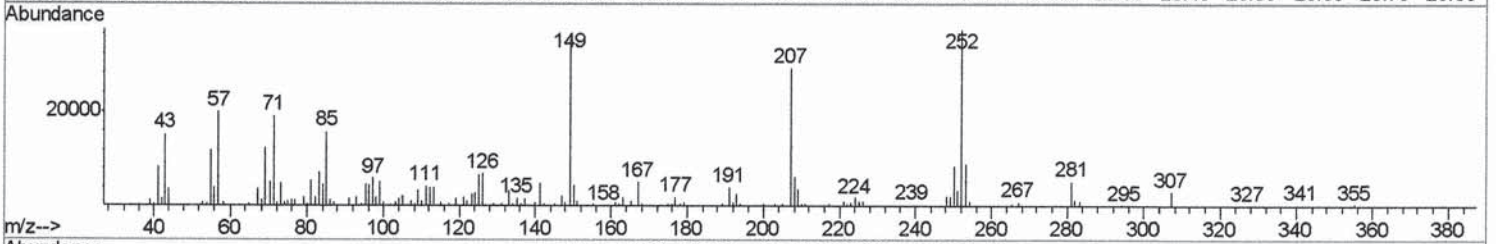
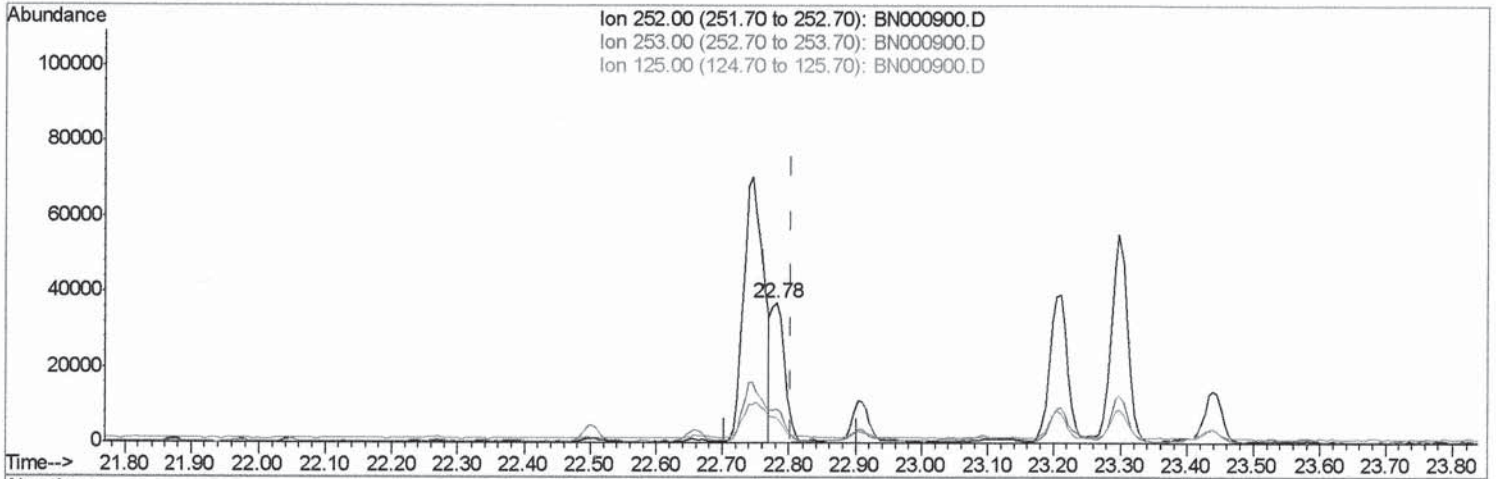
response 197151

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.10	14.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000900.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 1.67ng/ul m

response 51959

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.45
125.00	10.10	18.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 08:16:00 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	127751	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	546610	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	278127	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	568071	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	544545	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	559947	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	745970	27.93	ng/ul	0.00
10) Fluorene-d10	15.25	176	520145	29.17	ng/ul	0.00
14) Anthracene-d10	17.10	188	747112	28.76	ng/ul	0.00
18) Pyrene-d10	19.40	212	780318	27.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	822897	31.11	ng/ul	-0.02

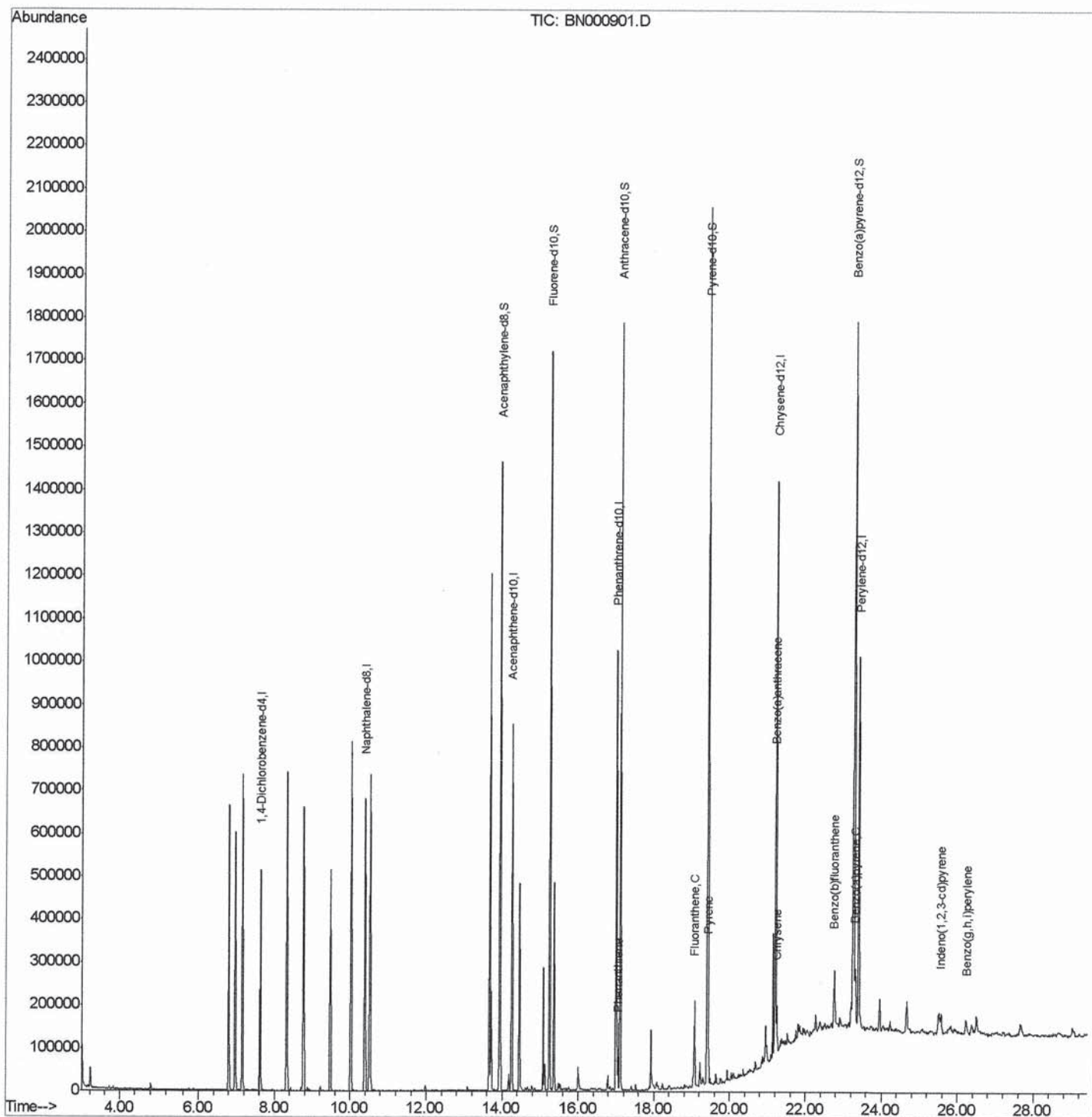
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	91949	2.968	ng/ul	99
16) Fluoranthene	19.06	202	197147	6.272	ng/ul#	93
19) Pyrene	19.43	202	166778	4.768	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	102135m	3.138	ng/ul	
21) Chrysene	21.24	228	103570m	3.385	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	147652m	4.640	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	51959m	1.669	ng/ul	
26) Benzo(a)pyrene	23.30	252	94543	3.109	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	72078	1.962	ng/ul#	89
29) Benzo(a,h,i)perylene	26.22	276	62390	2.031	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000901.D
Acq On : 25 Apr 2018 20:59
Operator : JU/SJ
Sample : J2485-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

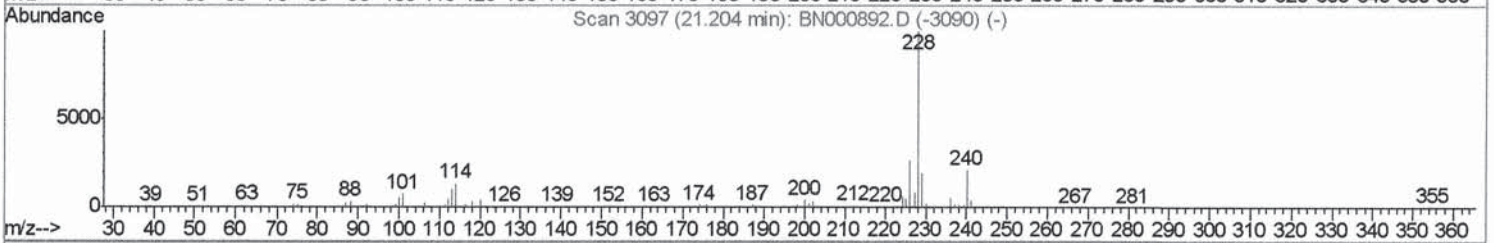
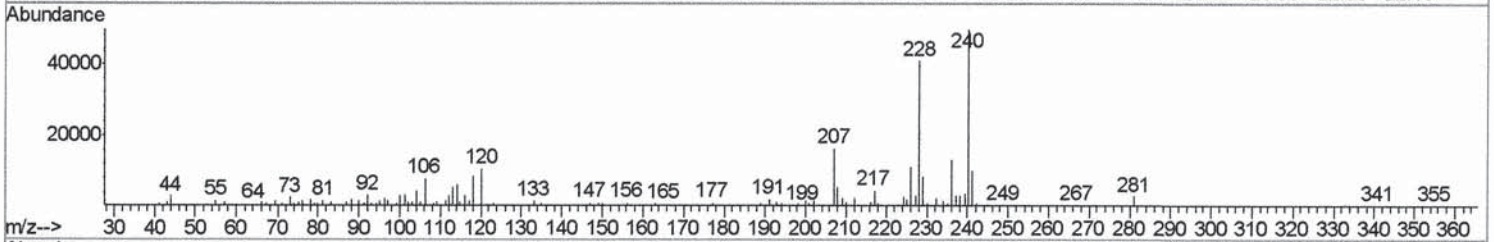
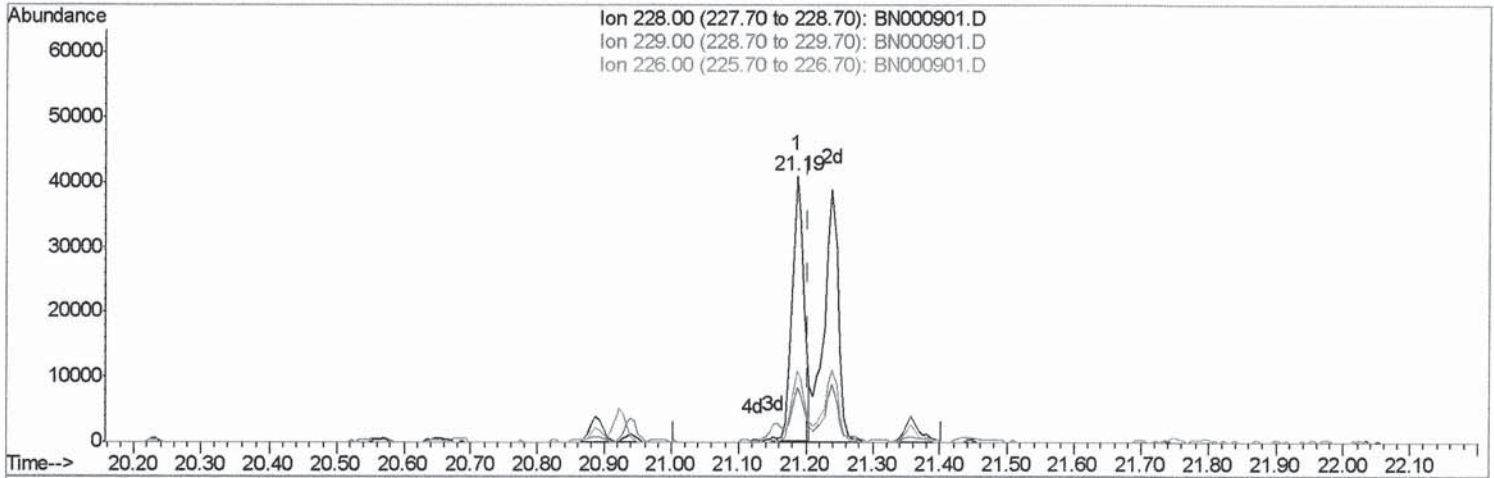
Quant Time: Apr 26 08:17:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000901.D

(20) Benzo(a)anthracene

21.186min (-0.018) 1.66ng/ul

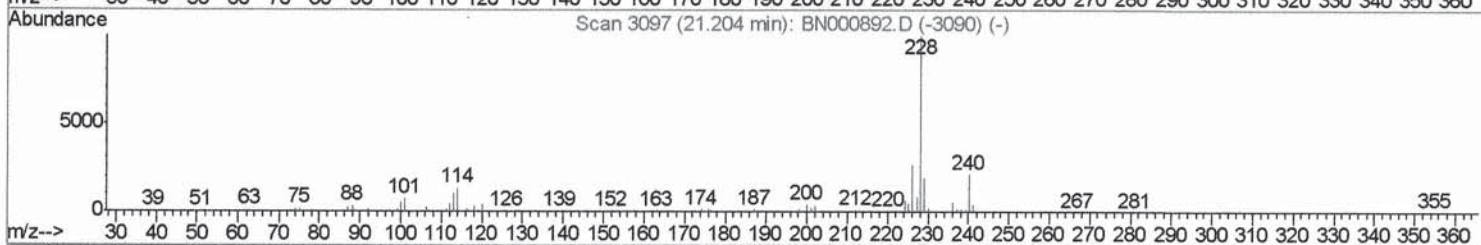
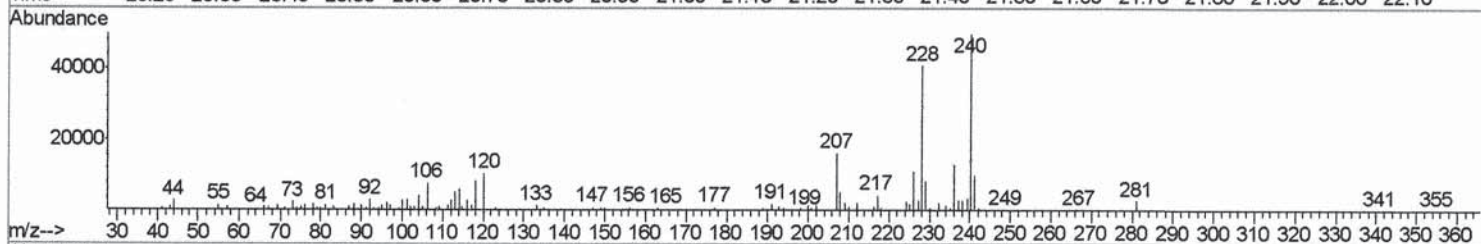
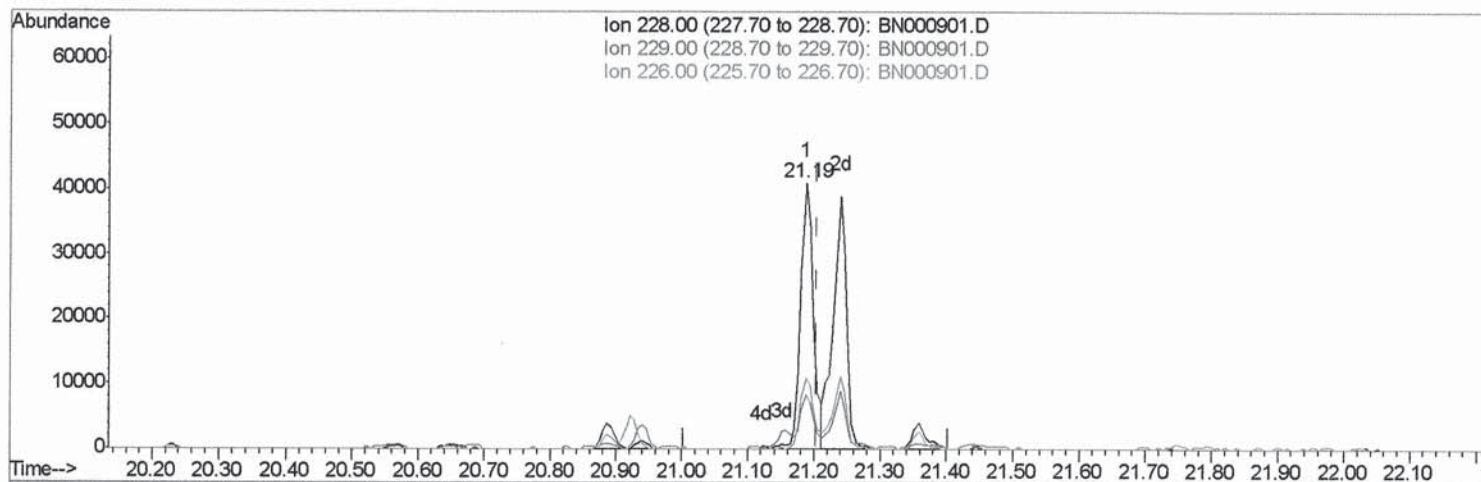
response 51313

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.50
226.00	26.40	26.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000901.D

(20) Benzo(a)anthracene

21.186min (-0.018) 1.78ng/ul m

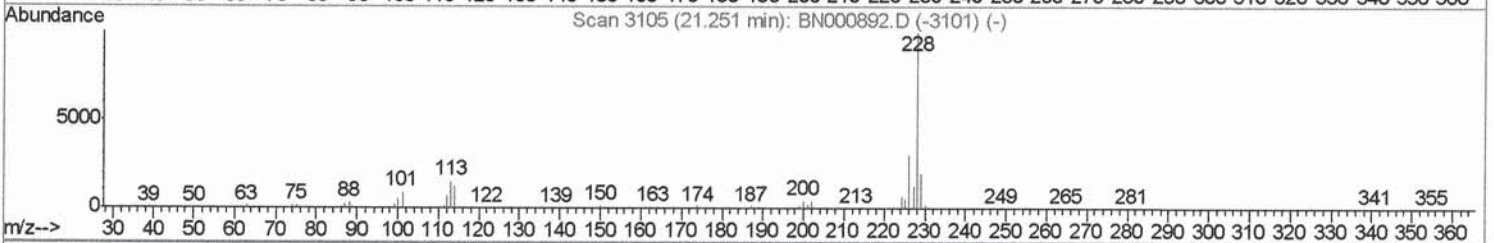
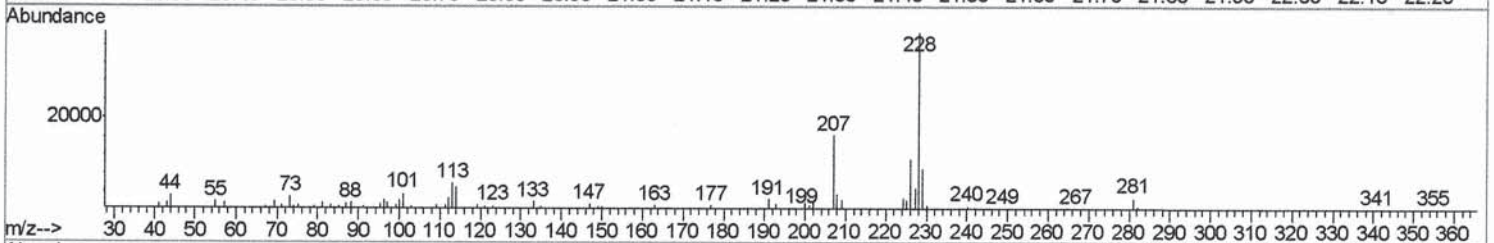
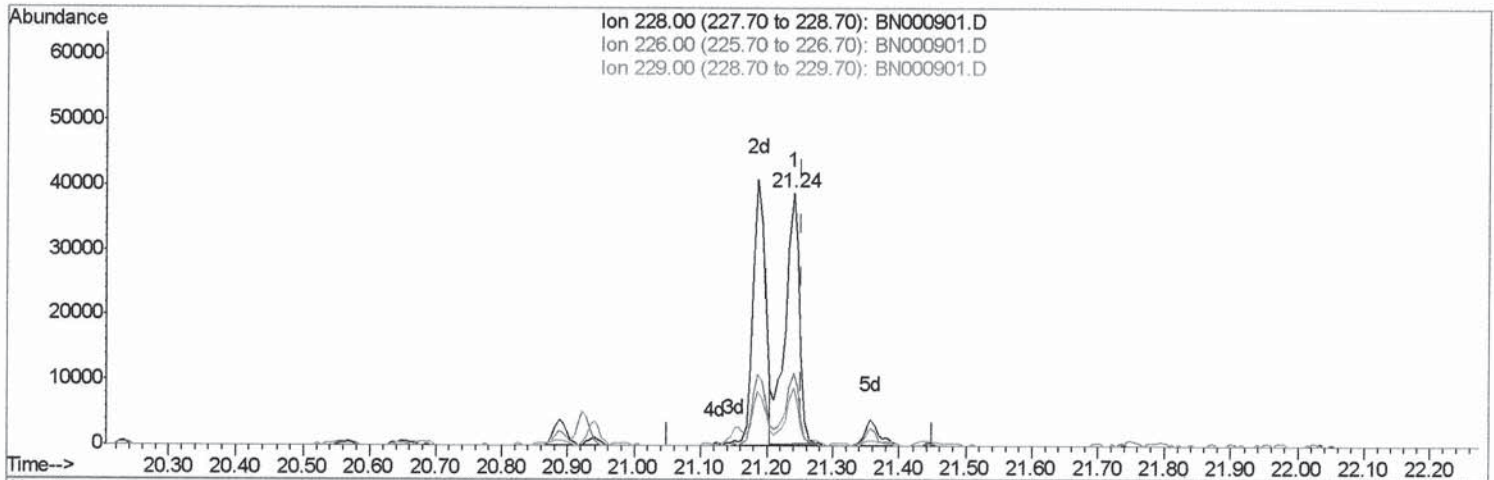
response 55096

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.50
226.00	26.40	26.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000901.D

(21) Chrysene

21.239min (-0.012) 1.95ng/ul

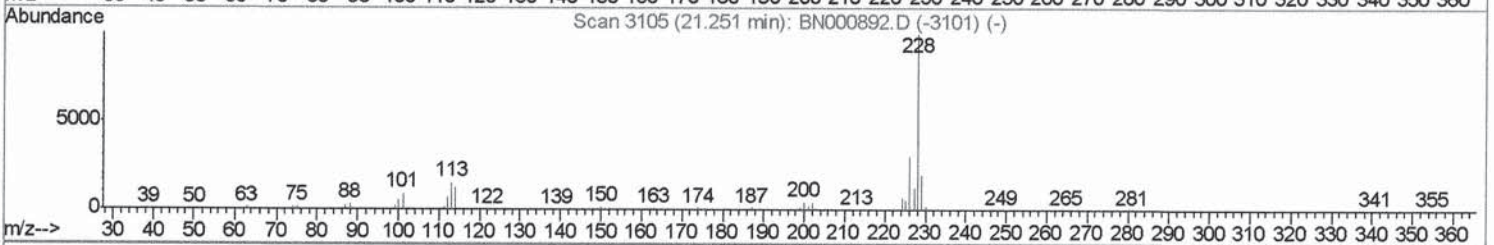
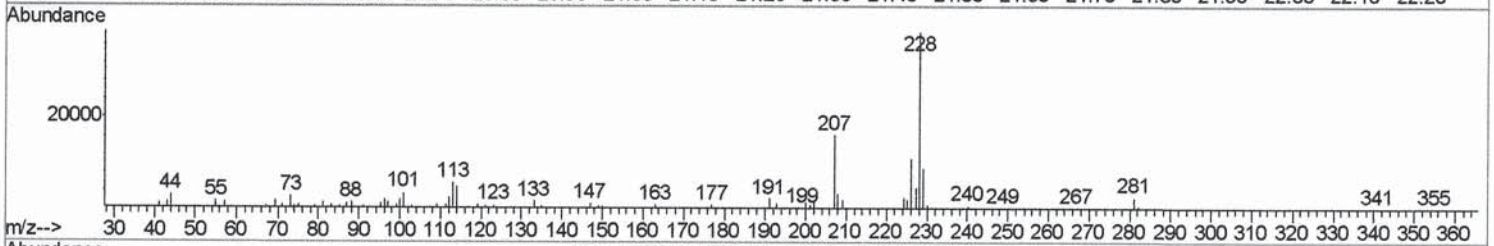
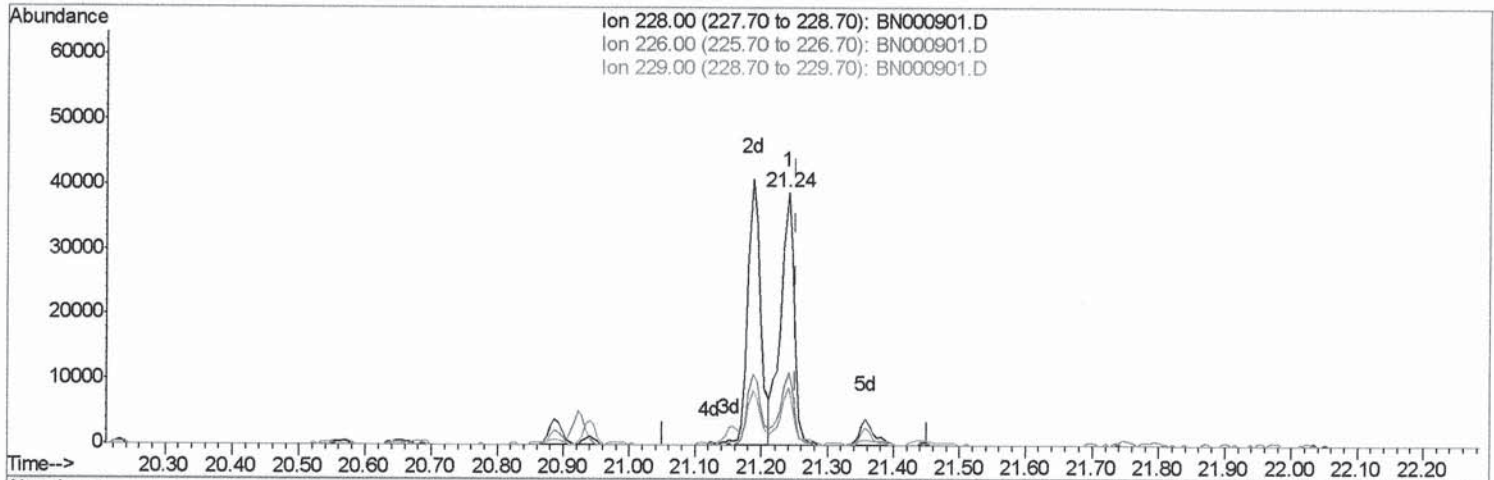
response 56677

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	28.67
229.00	19.80	23.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000901.D

(21) Chrysene

21.239min (-0.012) 1.91ng/ul m

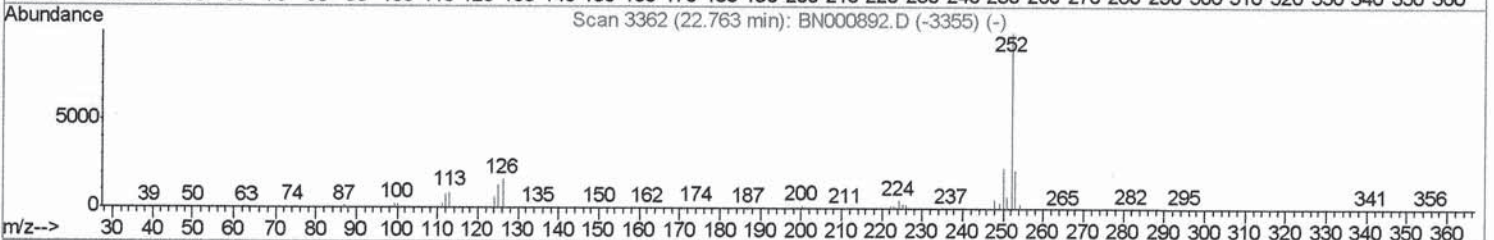
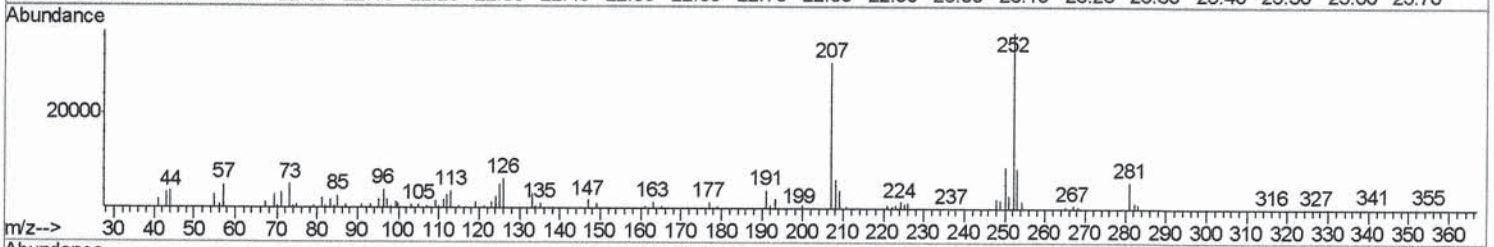
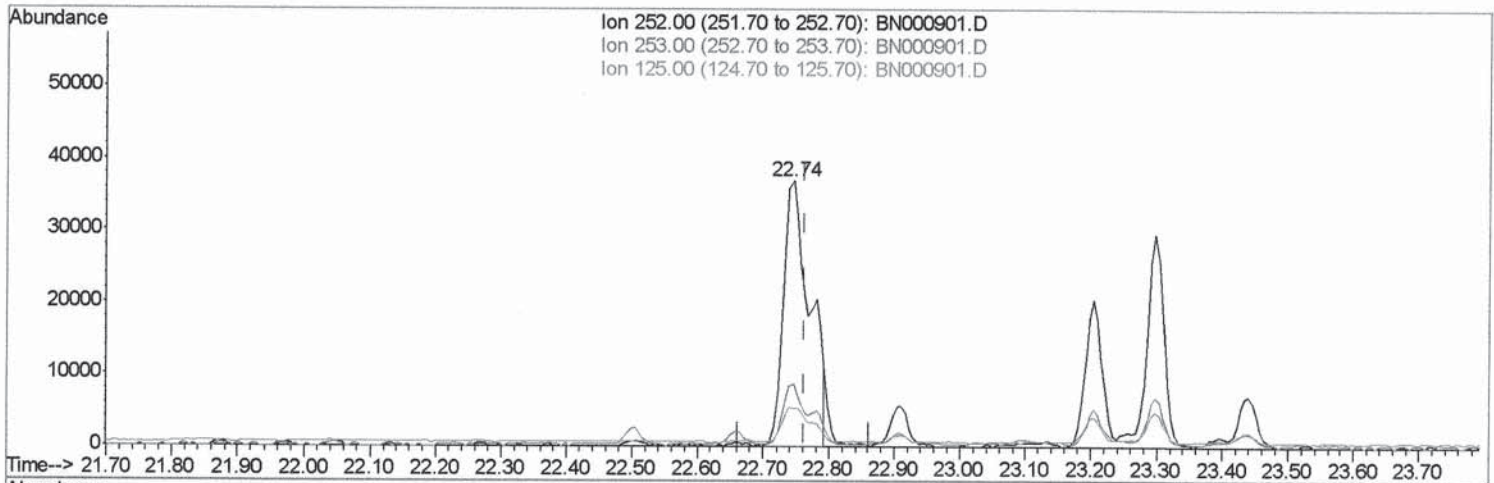
response 55784

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	28.67
229.00	19.80	23.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000901.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 3.35ng/ul

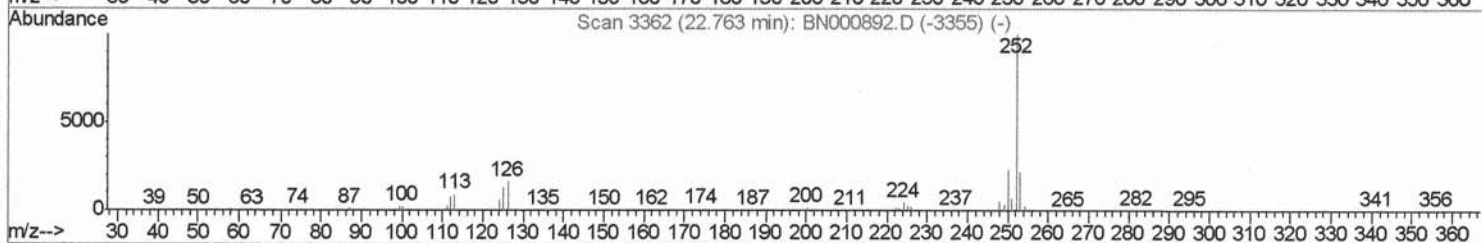
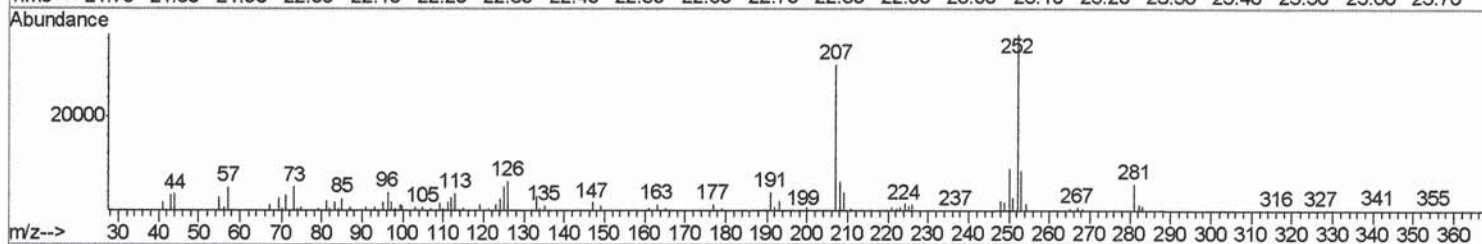
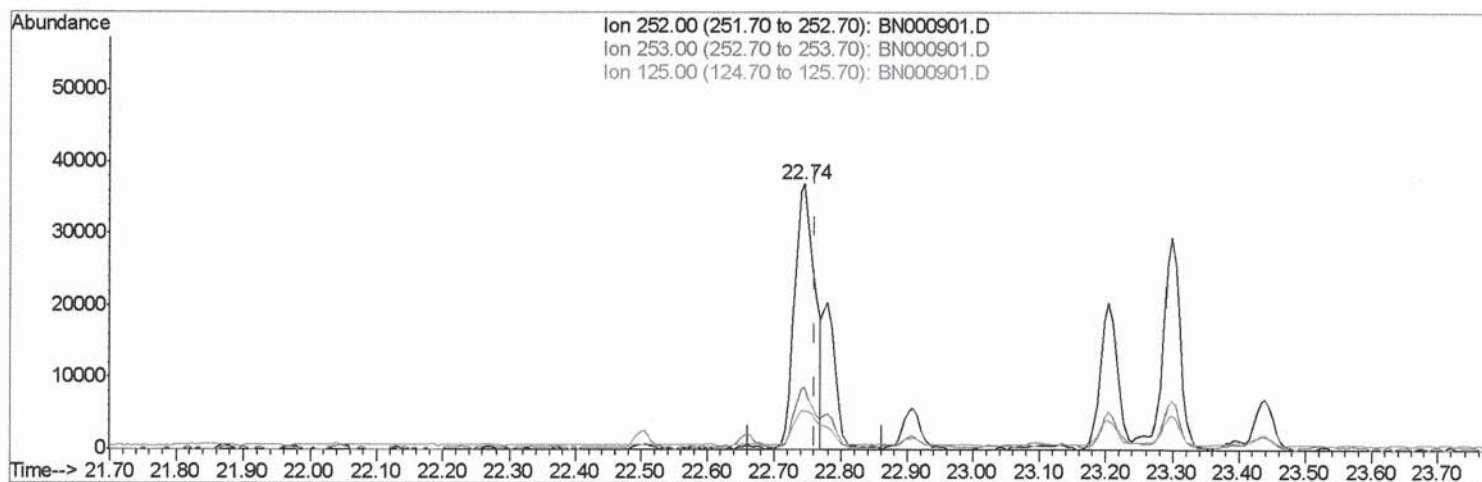
response 103669

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.57
125.00	10.00	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

22.745min (-0.018) 2.57ng/ul m

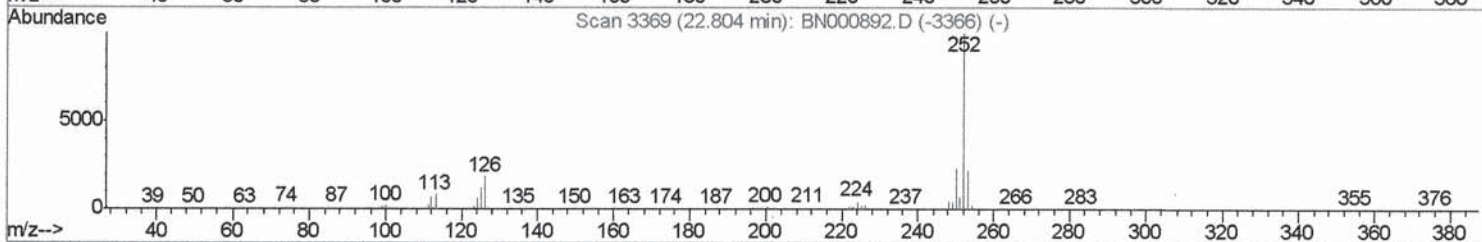
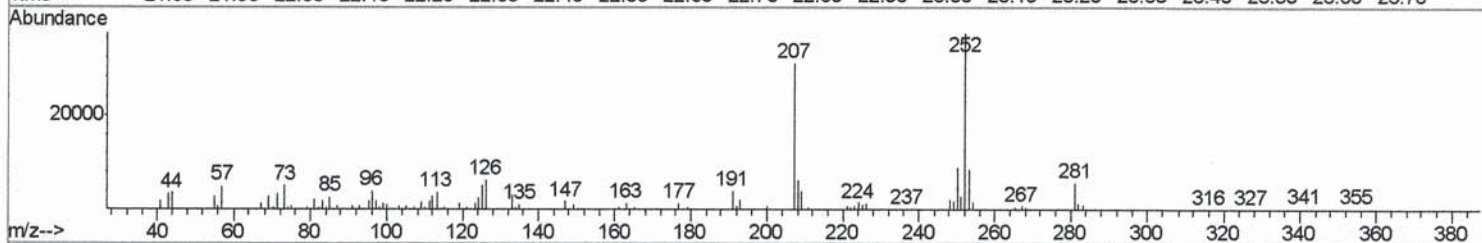
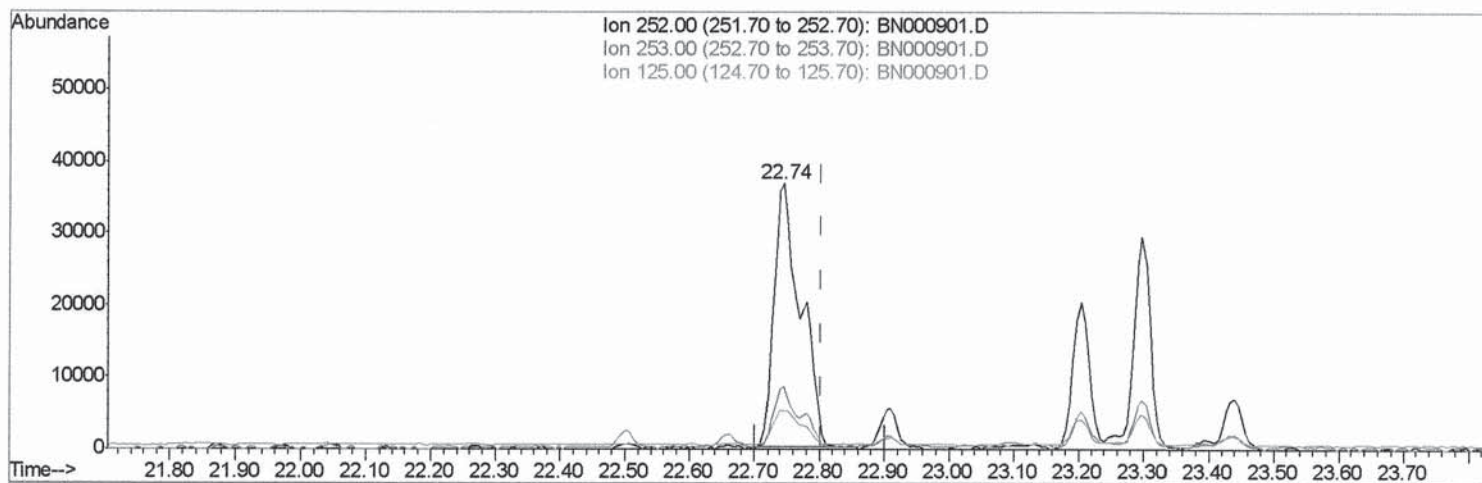
response 79725

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.57
125.00	10.00	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000901.D
Acq On : 25 Apr 2018 20:59
Operator : JU/SJ
Sample : J2485-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



TIC: BN000901.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 3.45ng/ui

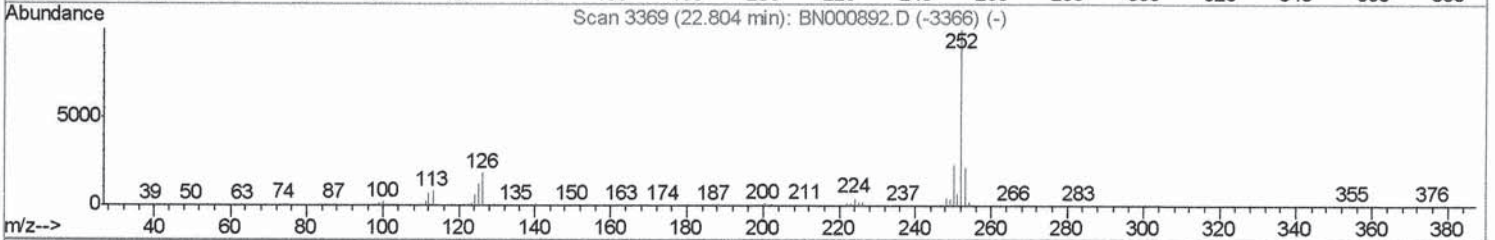
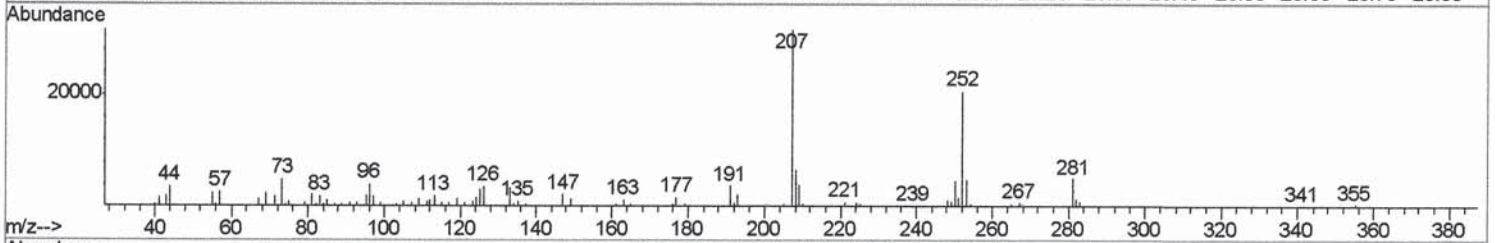
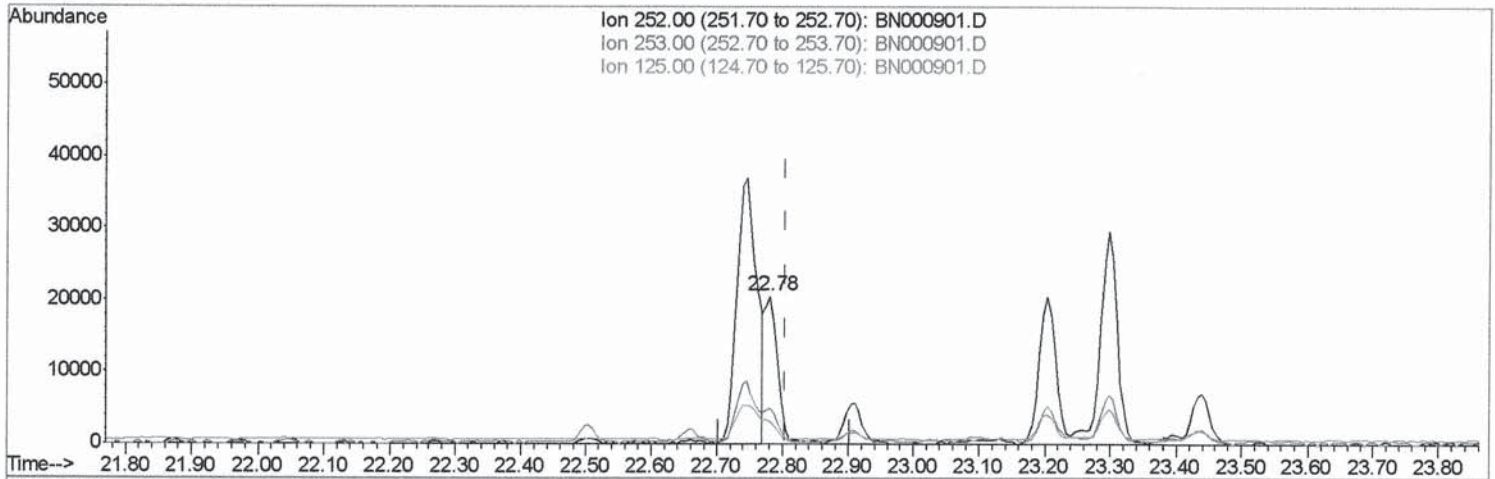
response 104591

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.57
125.00	10.10	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000901.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 0.92ng/ul m

response 27981

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.23
125.00	10.10	15.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 26 08:17:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	126474	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	528176	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	263976	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	527880	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	518576	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	545307	20.00	ng/ul	-0.02

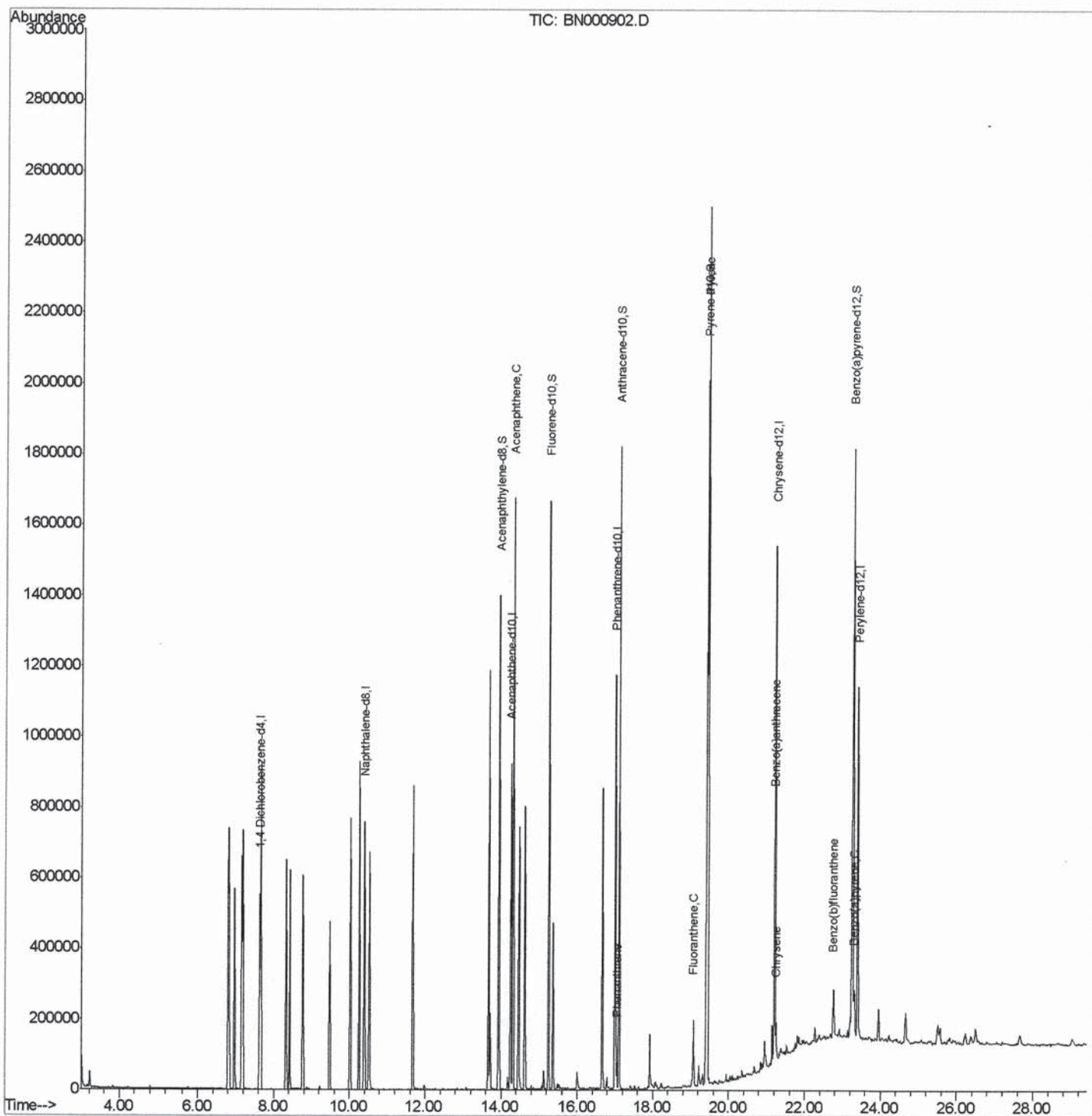
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.94	160	919594	36.27	ng/ul	0.00
10) Fluorene-d10	15.25	176	631045	37.29	ng/ul	0.00
14) Anthracene-d10	17.10	188	910887	37.73	ng/ul	0.00
18) Pyrene-d10	19.40	212	962506	36.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1073933	41.69	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.04	178	41345	1.436	ng/ul	98
16) Fluoranthene	19.06	202	103968	3.559	ng/ul	95
19) Pyrene	19.43	202	87068	2.614	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	55096m	1.777	ng/ul	} → Ju 04/27/18
21) Chrysene	21.24	228	55784m	1.915	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	79725m	2.573	ng/ul	
26) Benzo(a)pyrene	23.30	252	51114	1.726	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	36275	1.014	ng/ul#	92
29) Benzo(g,h,i)perylene	26.23	276	31679	1.059	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000902.D
Acq On : 25 Apr 2018 21:33
Operator : JU/SJ
Sample : J2485-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

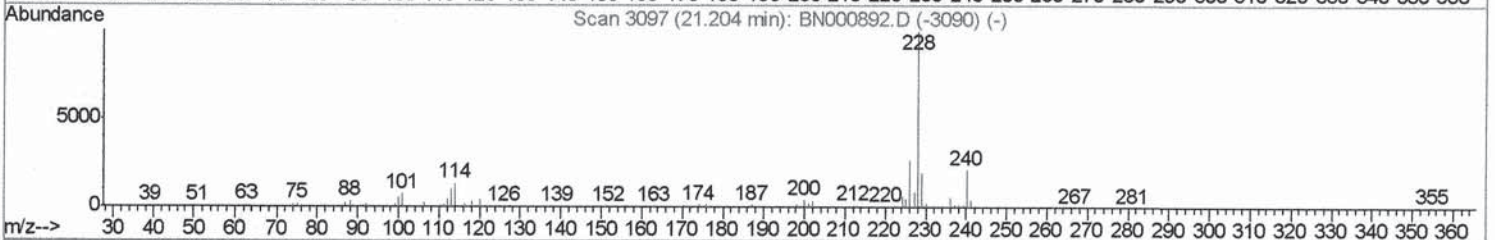
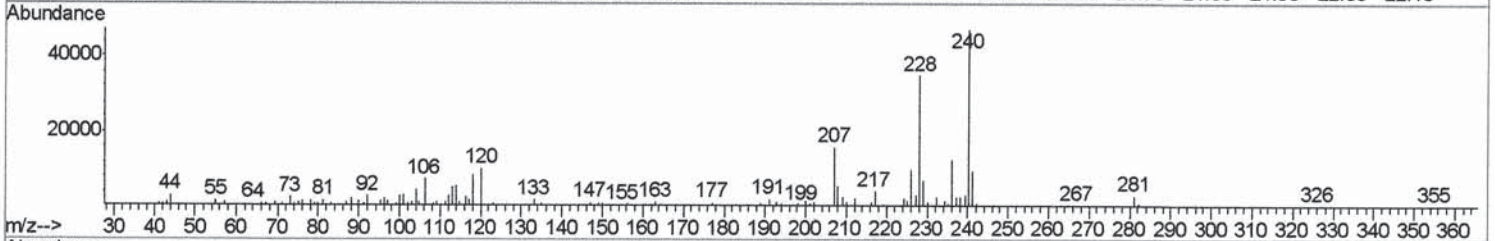
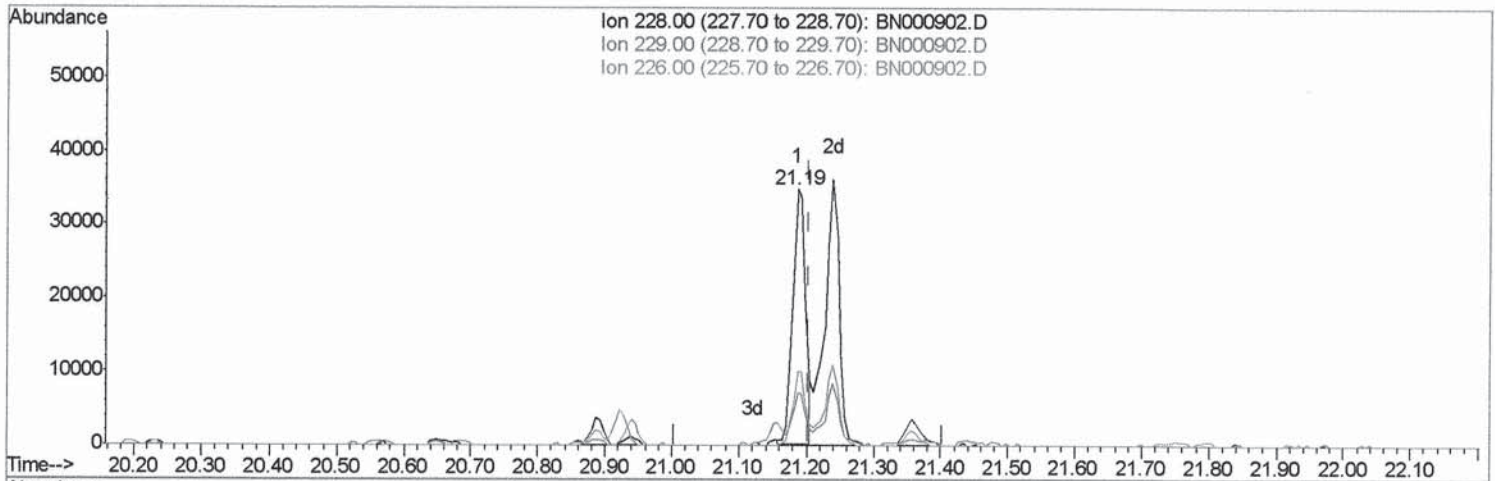
Quant Time: Apr 26 08:20:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(20) Benzo(a)anthracene

21.186min (-0.018) 1.34ng/ul

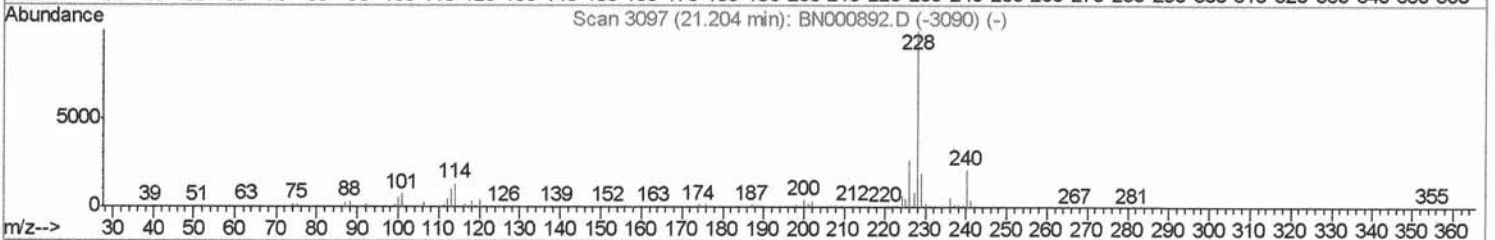
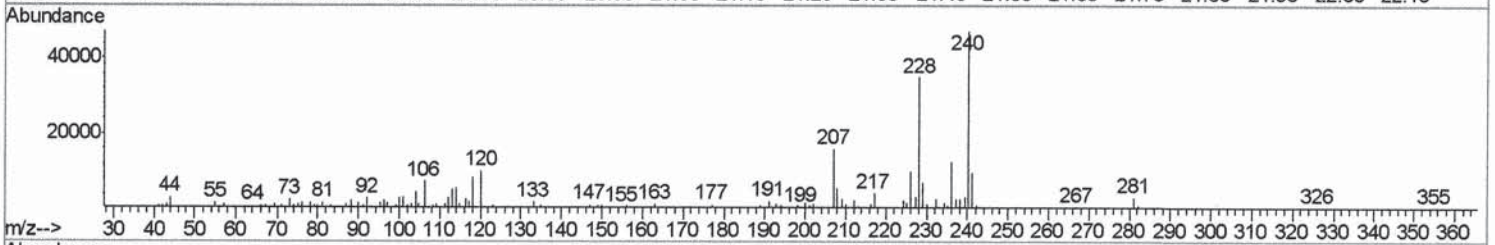
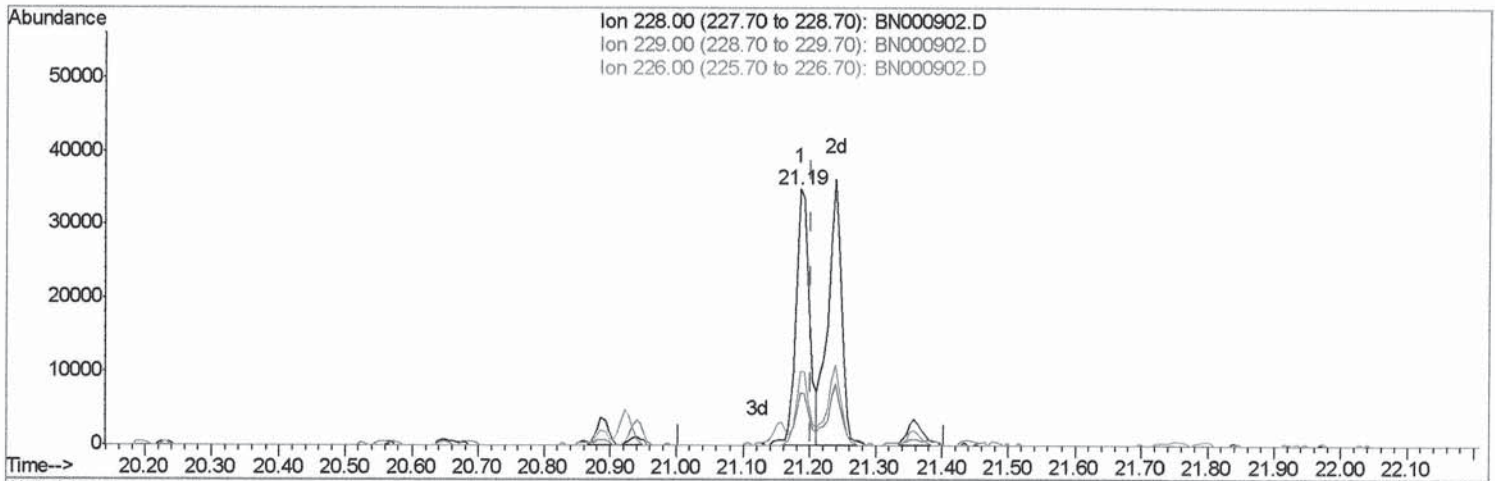
response 46713

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.55
226.00	26.40	28.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(20) Benzo(a)anthracene

21.186min (-0.018) 1.45ng/ul m

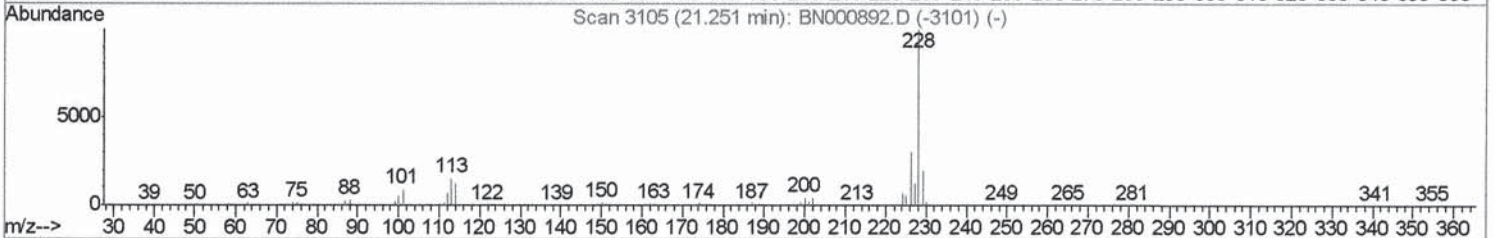
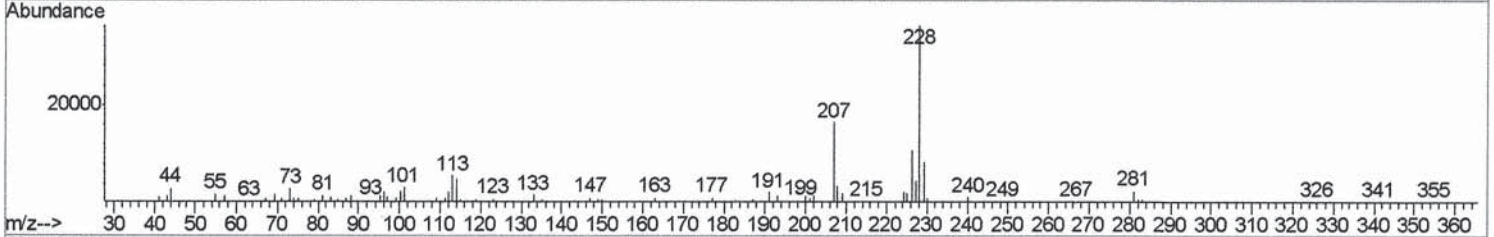
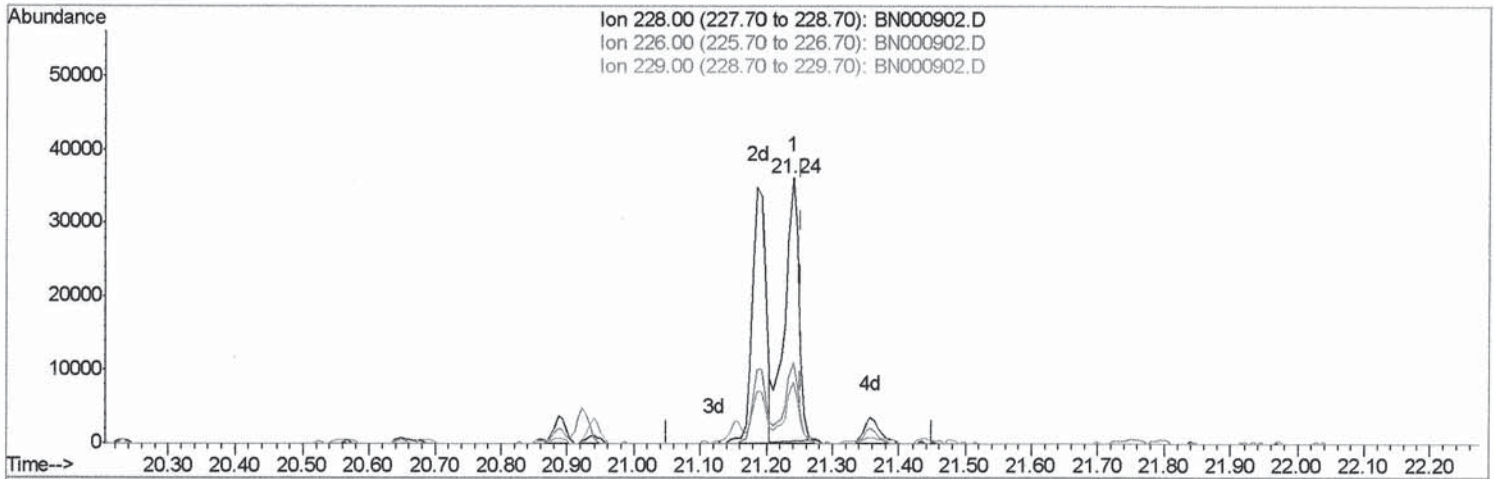
response 50424

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.55
226.00	26.40	28.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(21) Chrysene

21.239min (-0.012) 1.62ng/ul

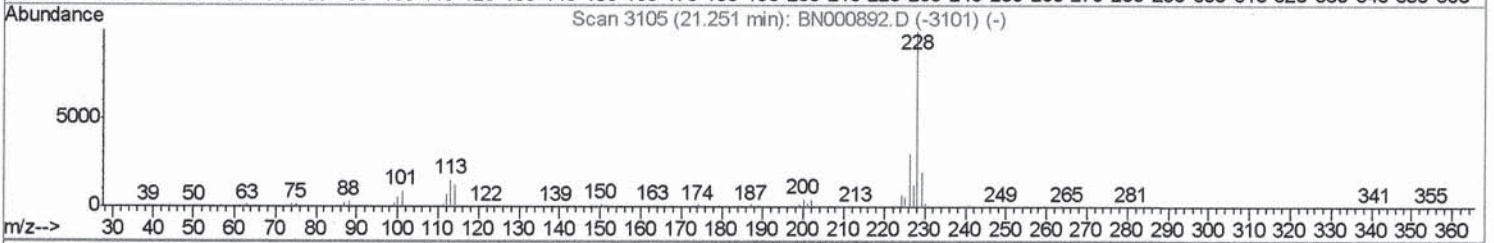
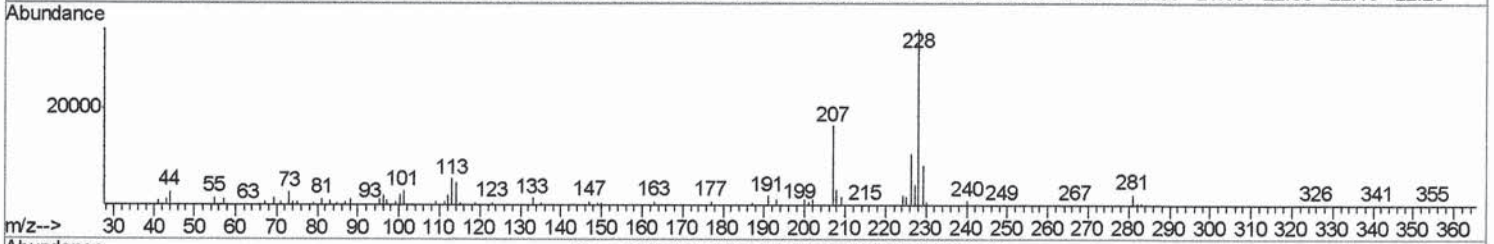
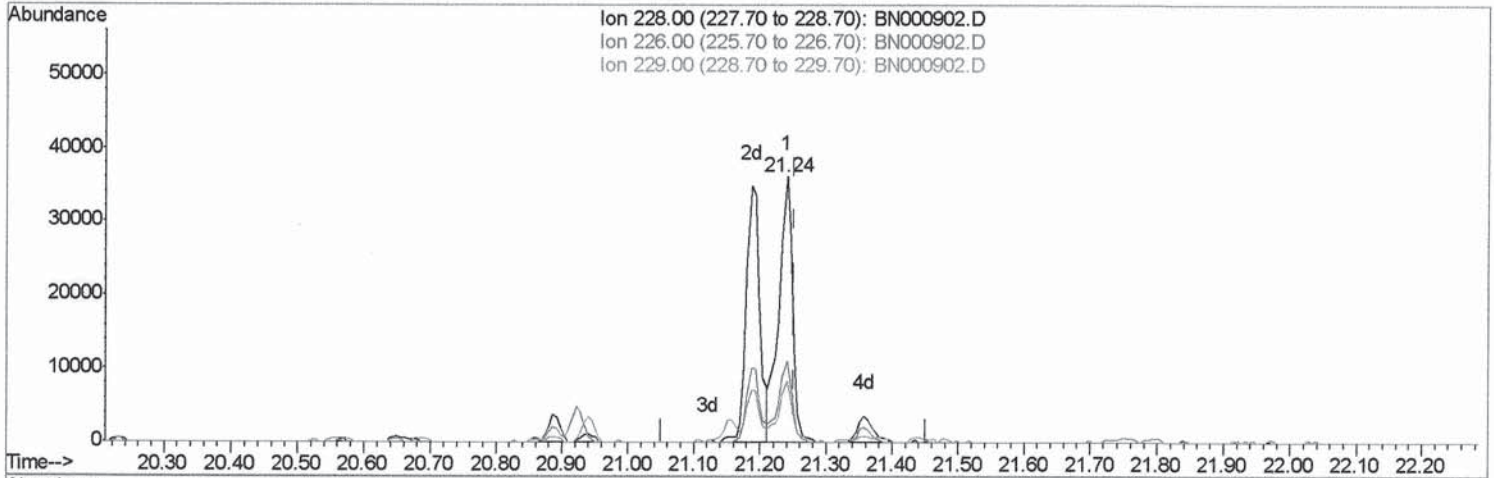
response 53036

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(21) Chrysene

21.239min (-0.012) 1.59ng/ul m

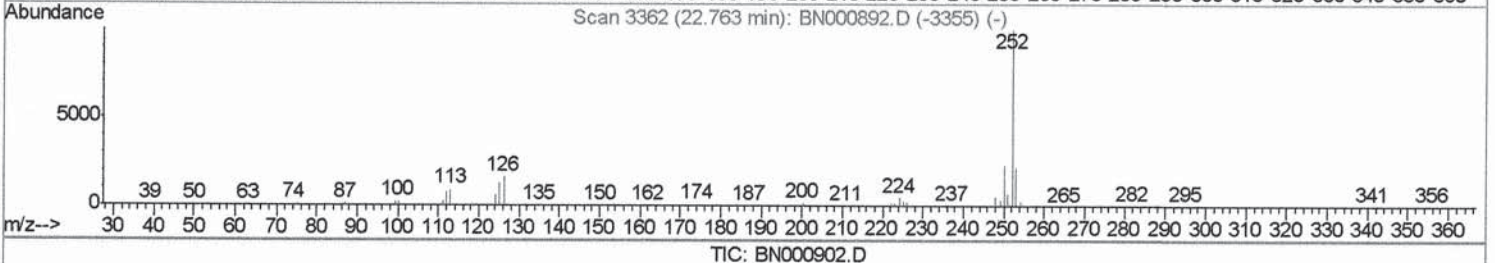
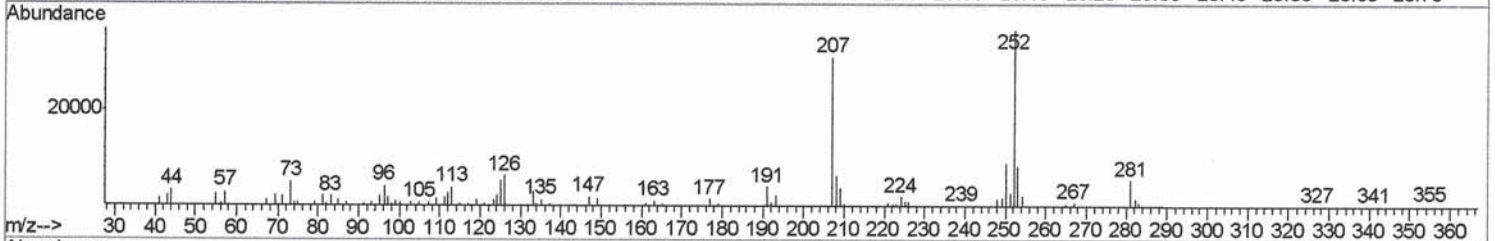
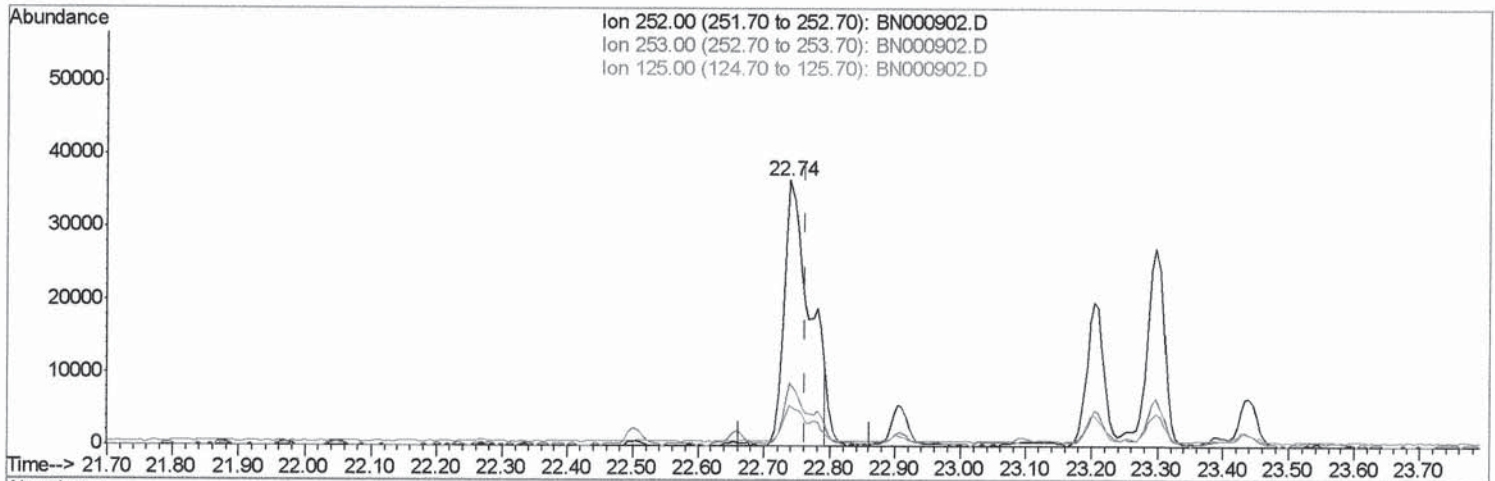
response 52082

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(23) Benzo(b)fluoranthene

22.739min (-0.024) 2.84ng/ul

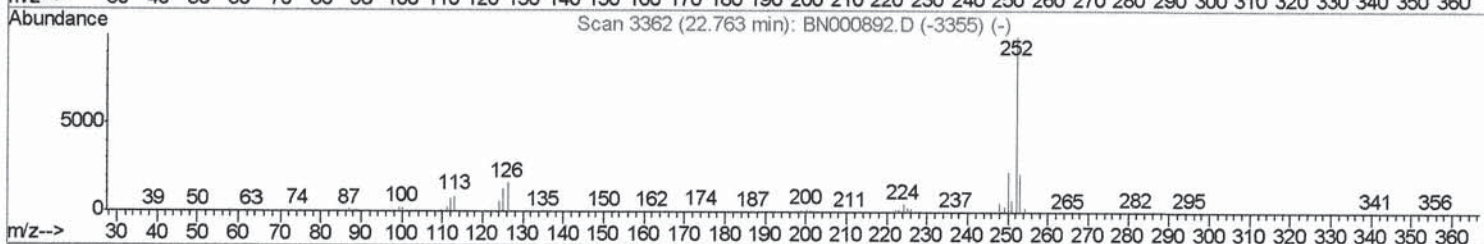
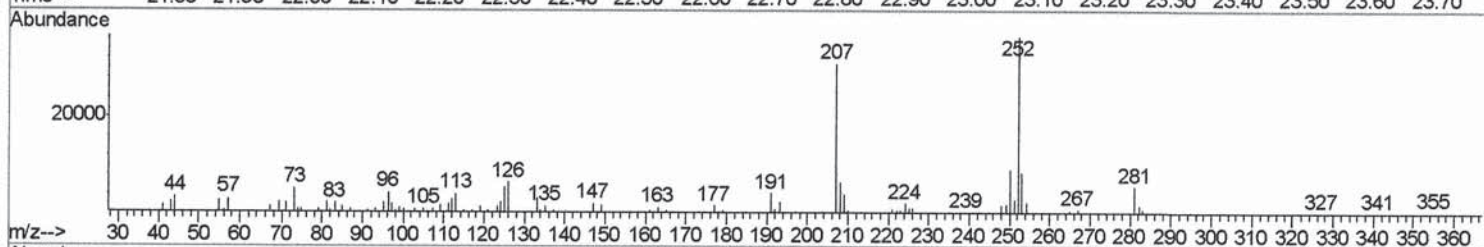
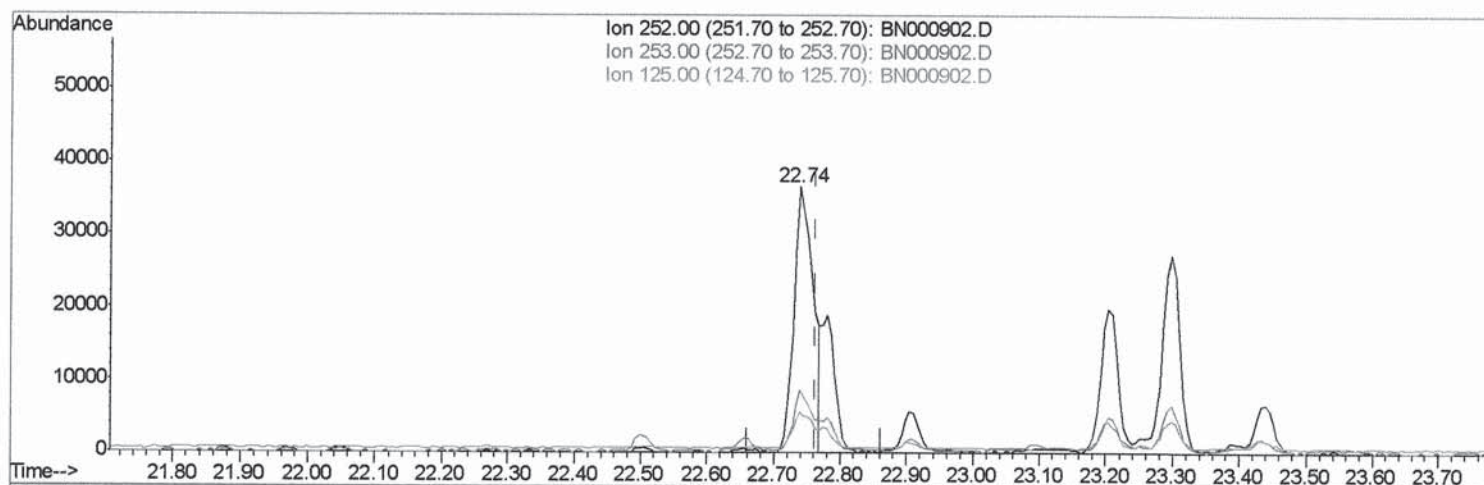
response 98172

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.53
125.00	10.00	15.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(23) Benzo(b)fluoranthene

22.739min (-0.024) 2.19ng/ul m

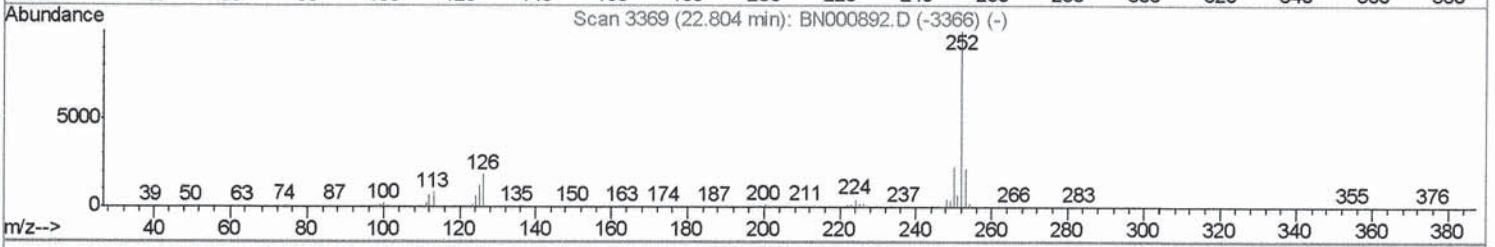
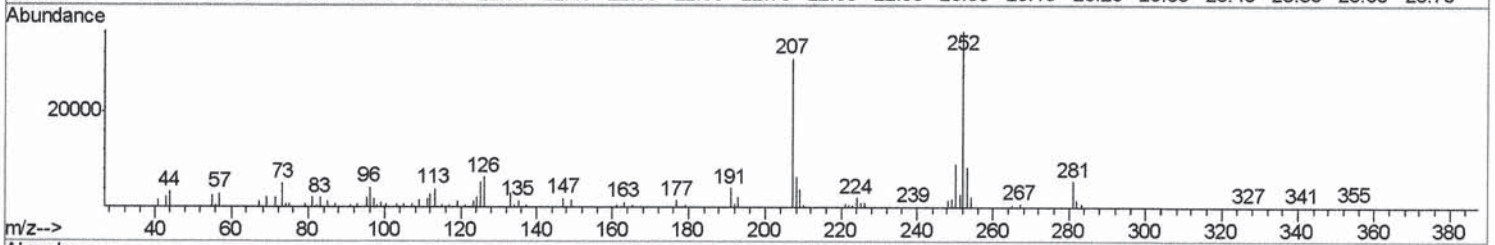
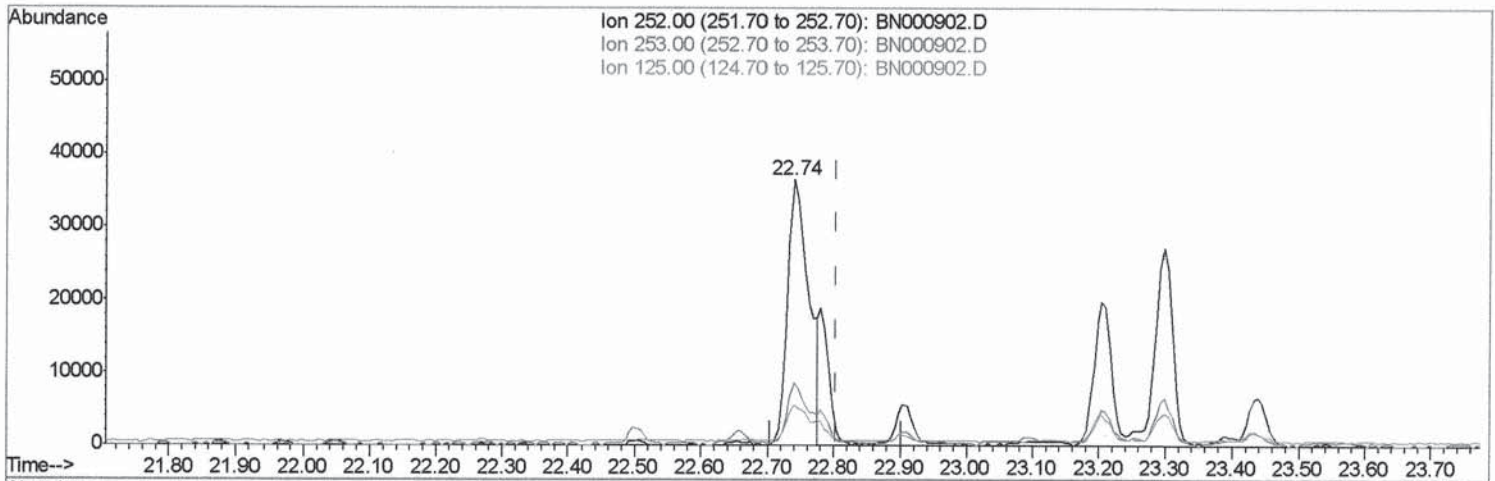
response 75703

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.53
125.00	10.00	15.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(24) Benzo(k)fluoranthene

22.739min (-0.065) 2.42ng/ul

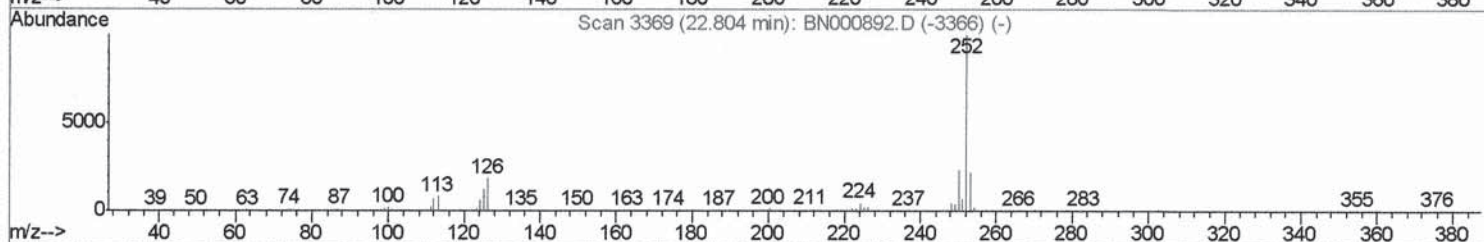
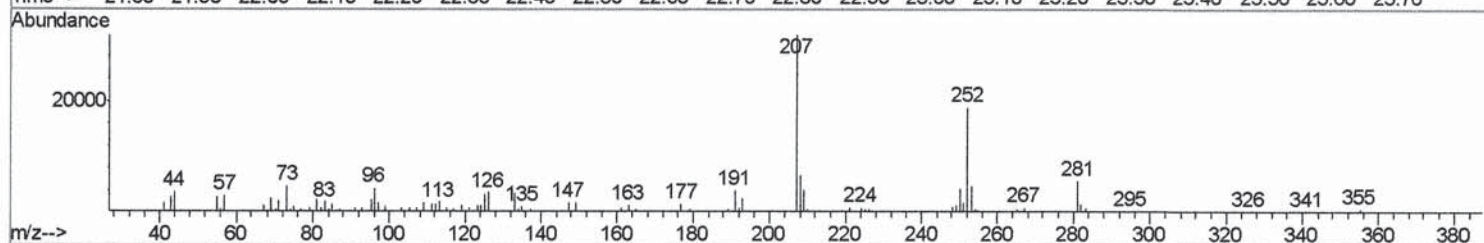
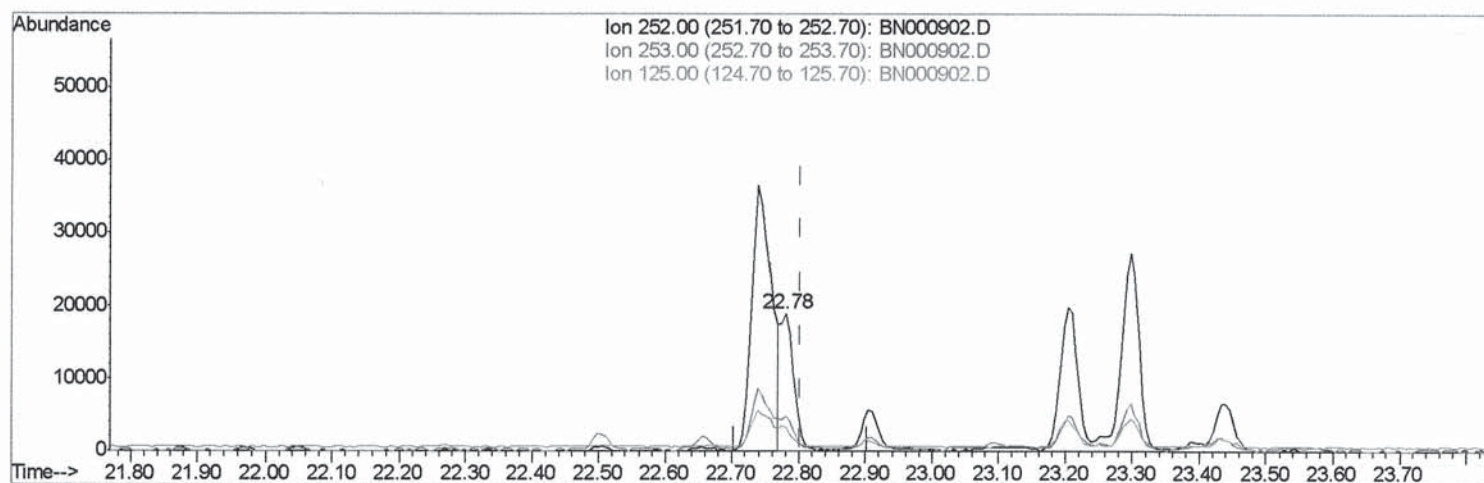
response 81899

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.53
125.00	10.10	15.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 07:59:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000902.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 0.76ng/ul m

response 25701

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.27
125.00	10.10	17.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 26 08:20:00 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140937	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	589820	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	294046	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	600836	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	581658	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	607571	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	873145	30.92	ng/ul	0.00
10) Fluorene-d10	15.25	176	603329	32.01	ng/ul	0.00
14) Anthracene-d10	17.10	188	890642	32.42	ng/ul	0.00
18) Pyrene-d10	19.40	212	961992	32.28	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1040069	36.24	ng/ul	-0.02

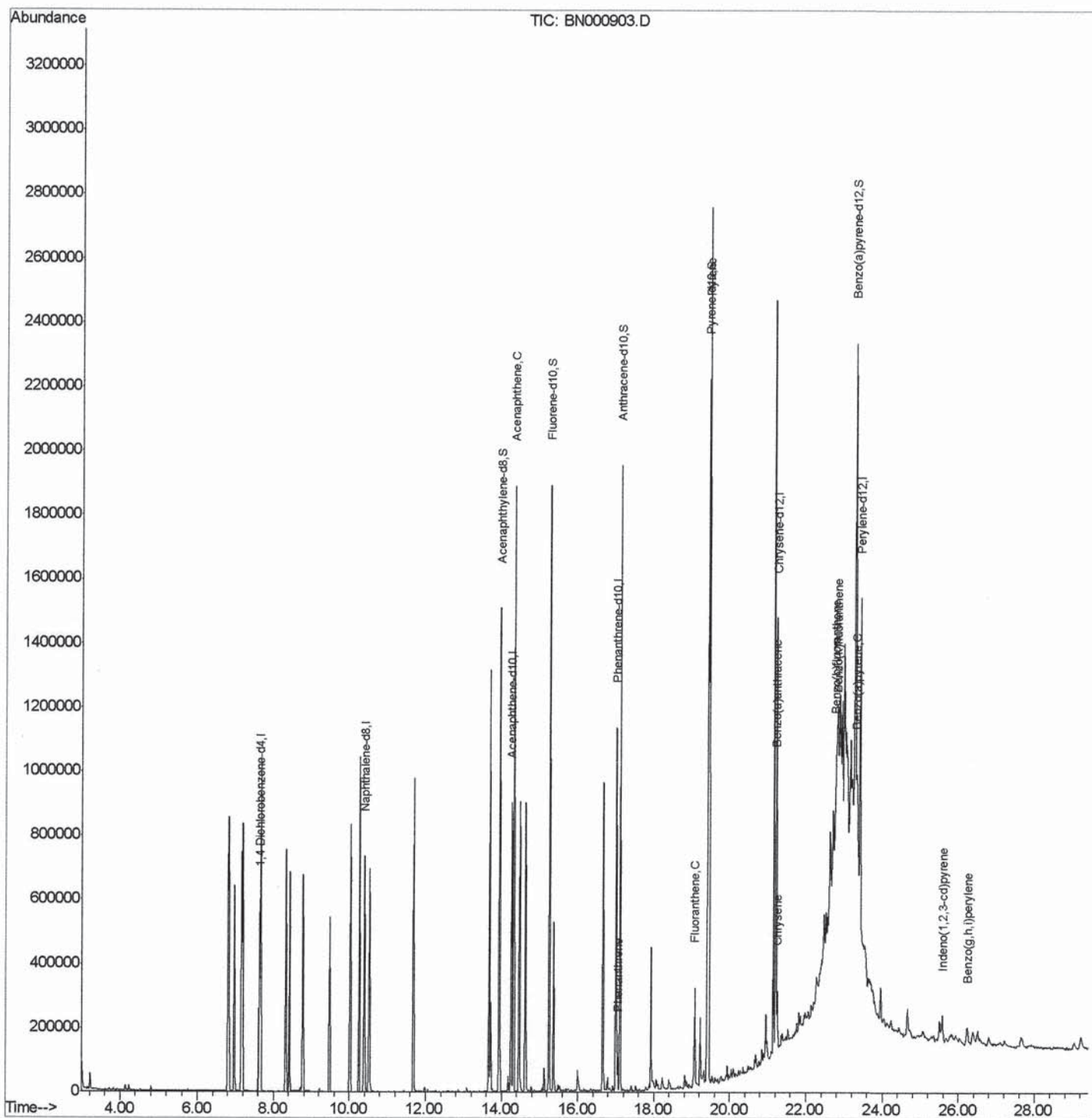
Target Compounds

					Ovalue	
9) Acenaphthene	14.32	153	641189	33.202	ng/ul	96
13) Phenanthrene	17.04	178	41192	1.257	ng/ul	99
16) Fluoranthene	19.06	202	97365	2.928	ng/ul#	94
19) Pyrene	19.43	202	1315363	35.207	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	50424m	1.450	ng/ul	} J204/27/18
21) Chrysene	21.24	228	52082m	1.594	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	75703m	2.192	ng/ul	
26) Benzo(a)pyrene	23.30	252	46710	1.416	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000903.D
Acq On : 25 Apr 2018 22:08
Operator : JU/SJ
Sample : J2485-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

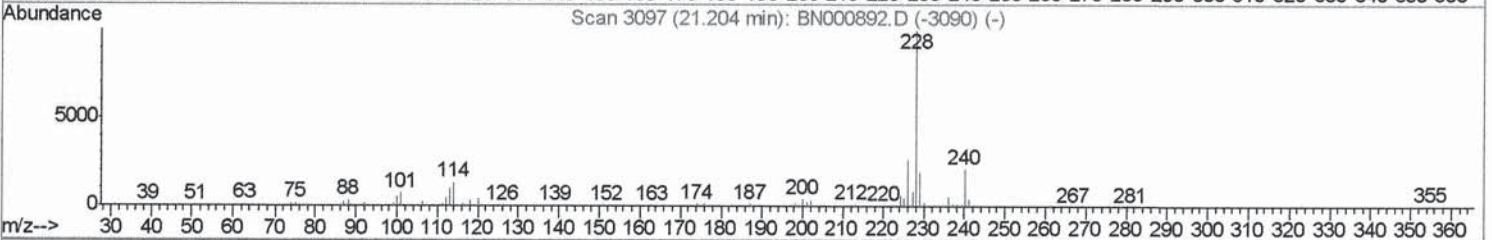
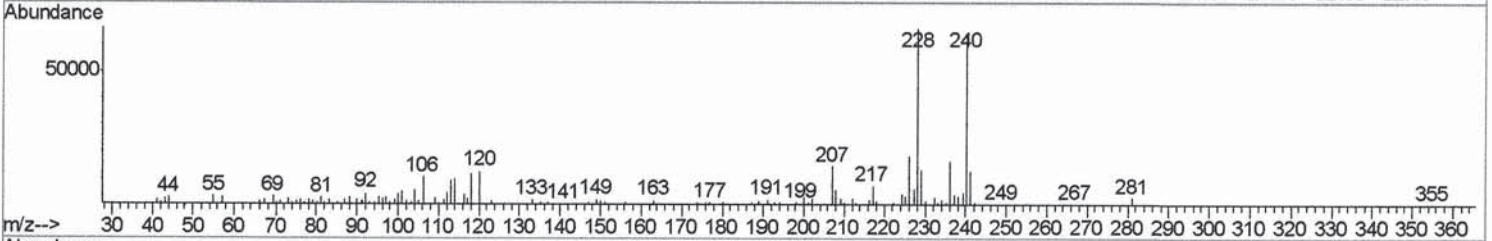
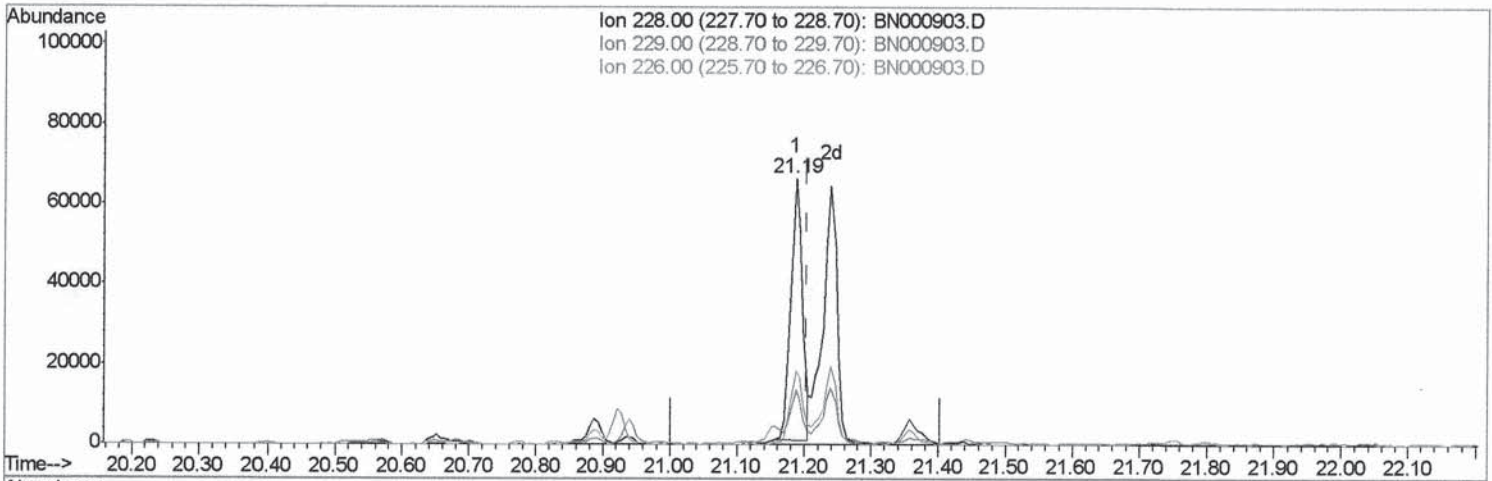
Quant Time: Apr 26 08:22:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.38ng/ul

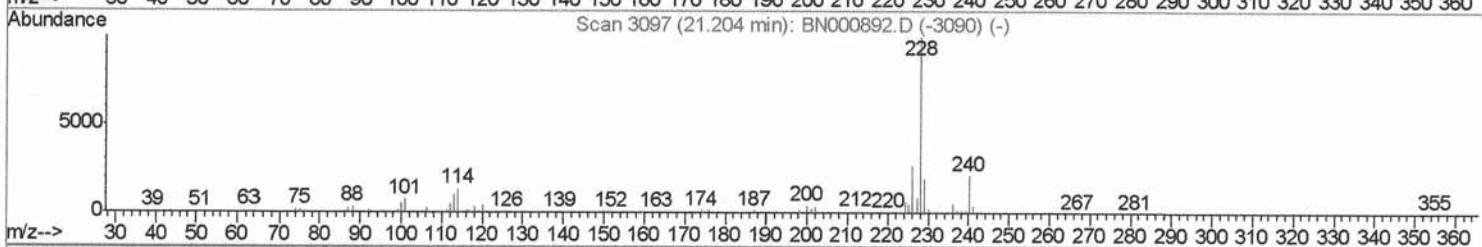
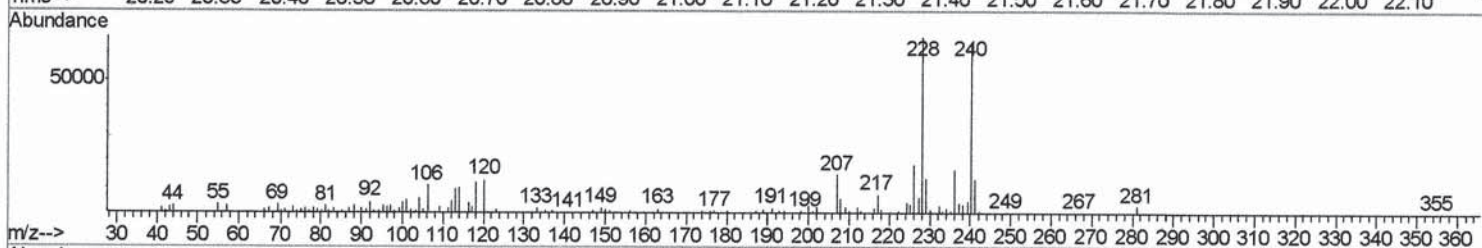
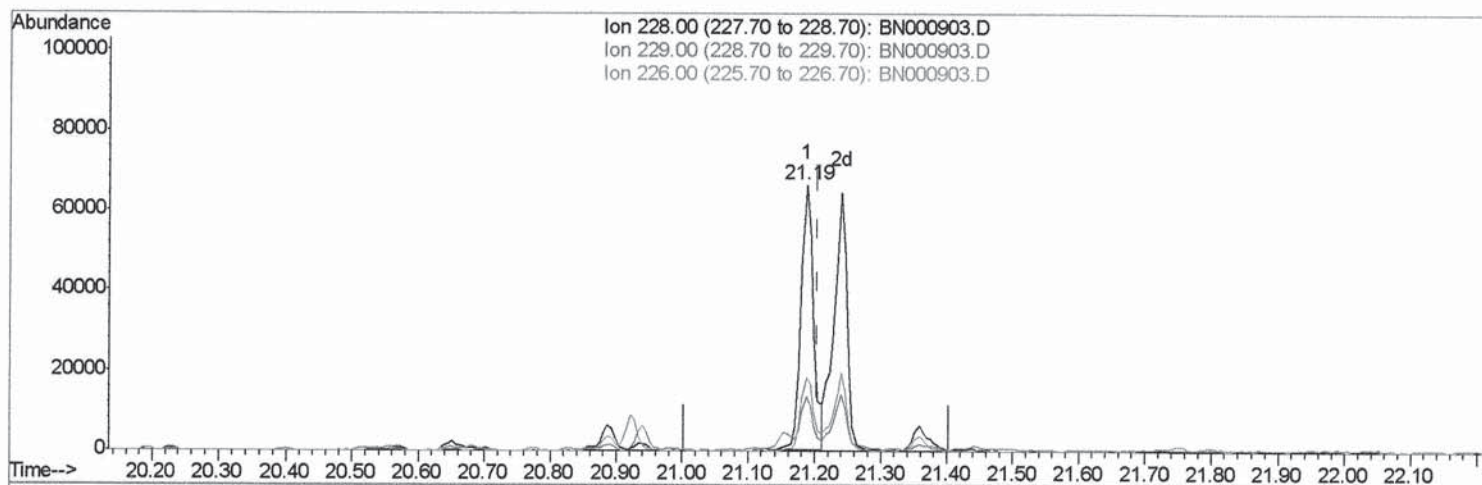
response 79672

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.37
226.00	26.40	27.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.60ng/ul m

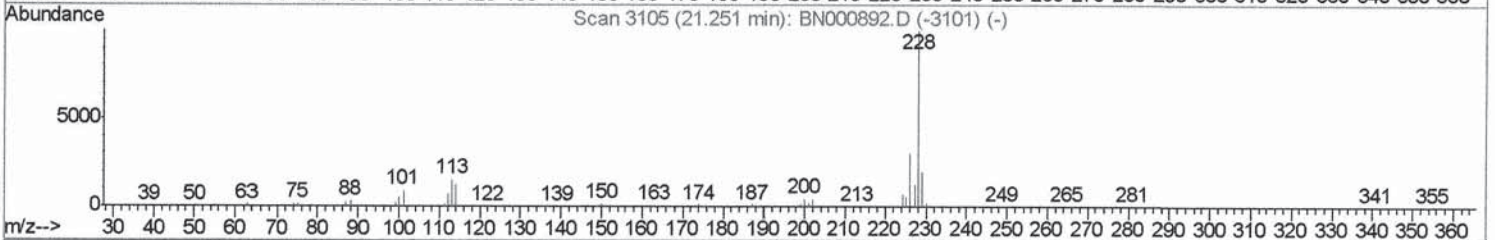
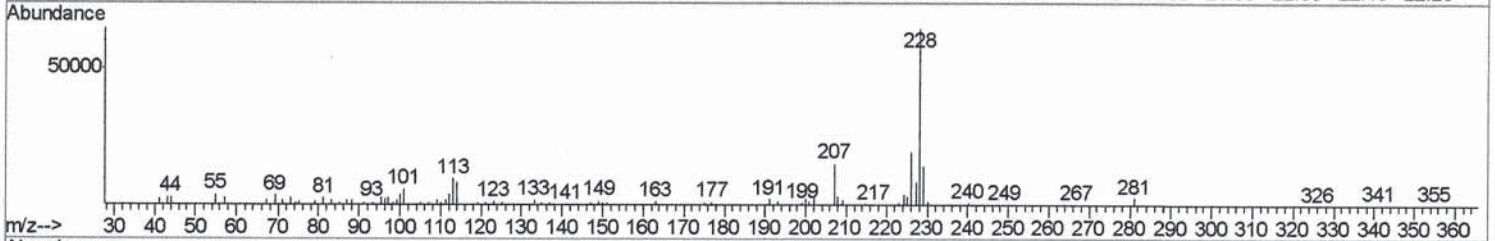
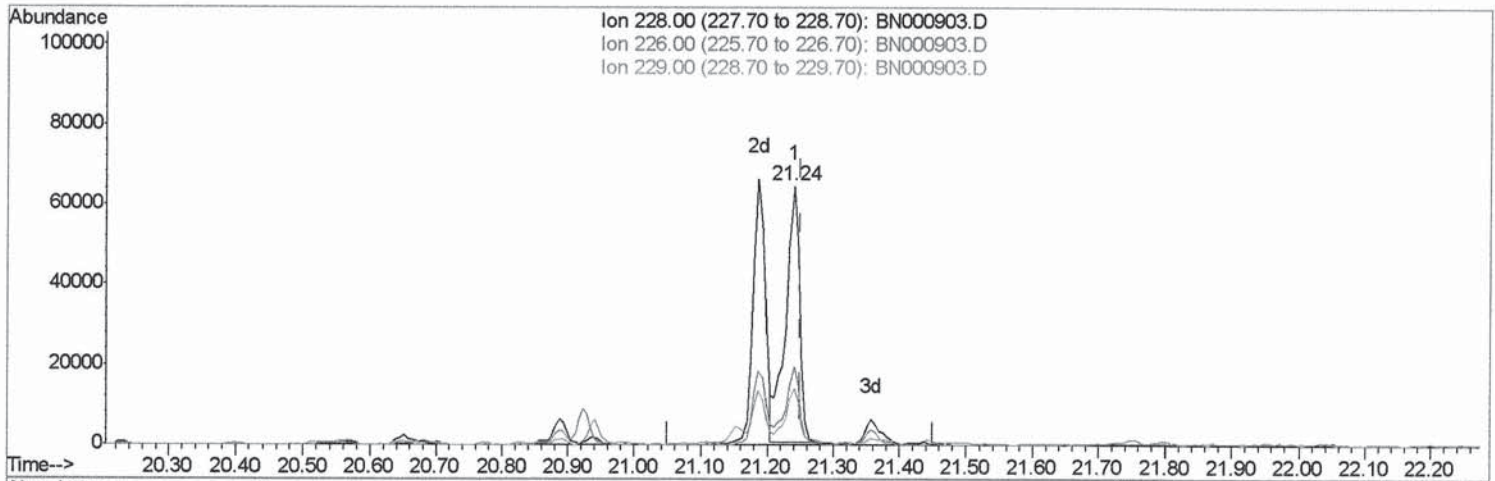
response 87078

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.37
226.00	26.40	27.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(21) Chrysene

21.239min (-0.012) 2.94ng/ul

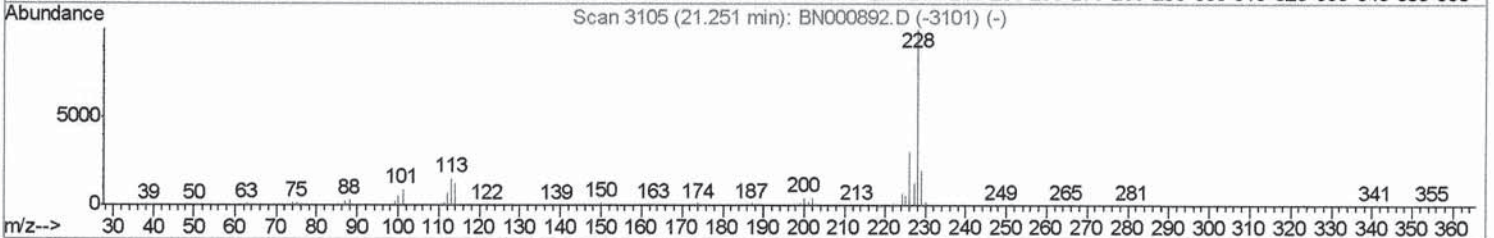
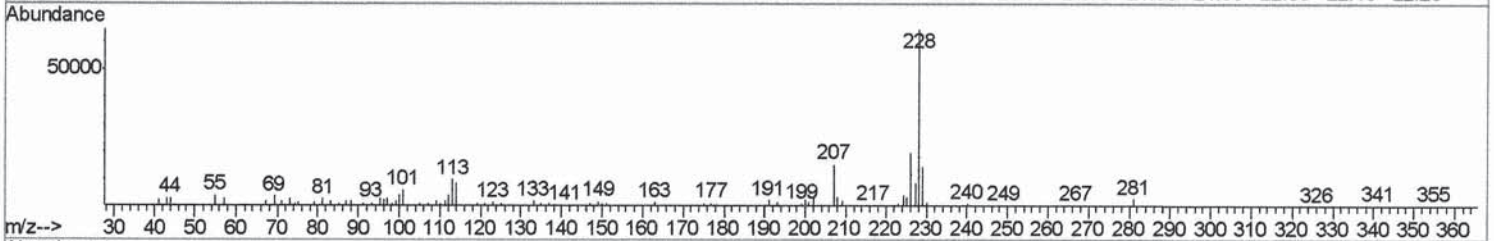
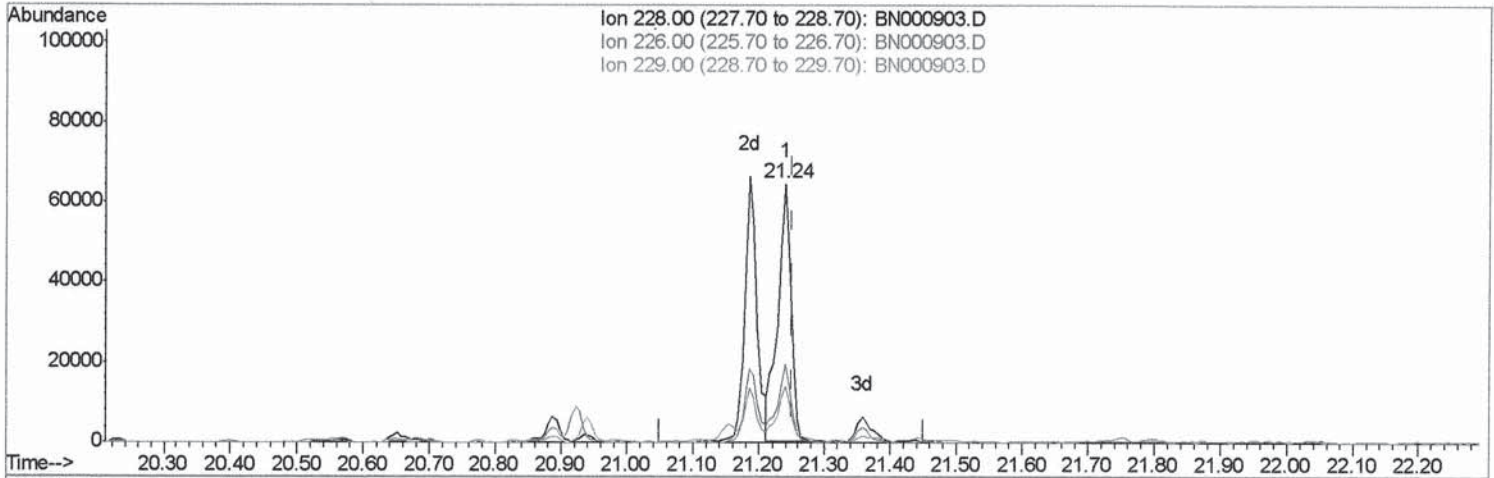
response 92630

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.23
229.00	19.80	22.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(21) Chrysene

21.239min (-0.012) 2.89ng/ul m

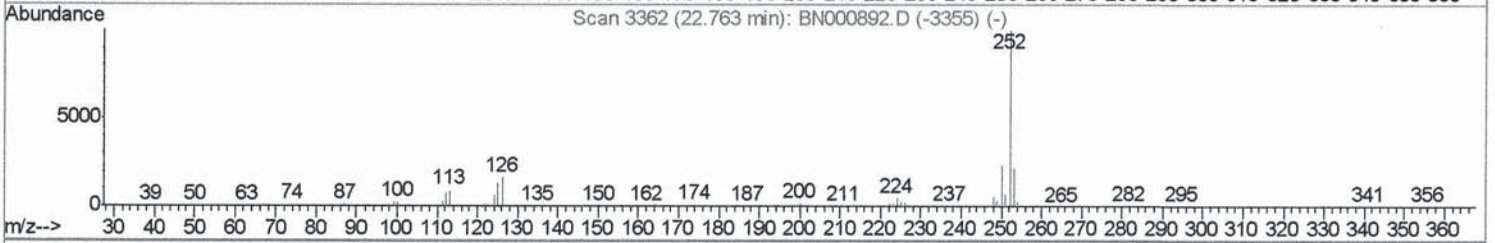
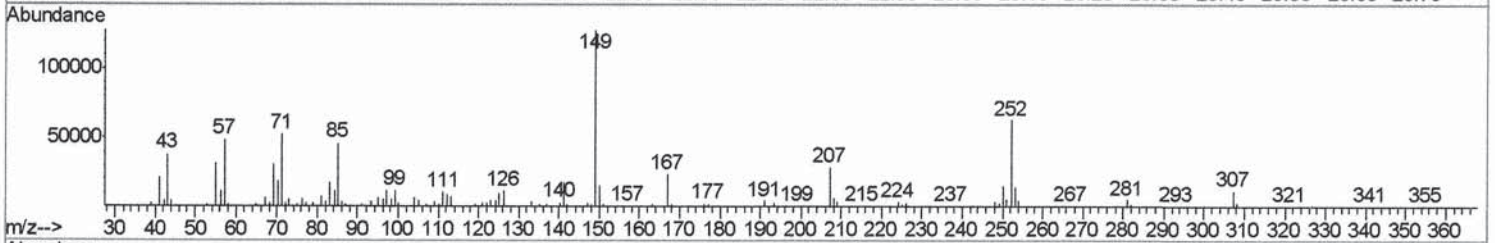
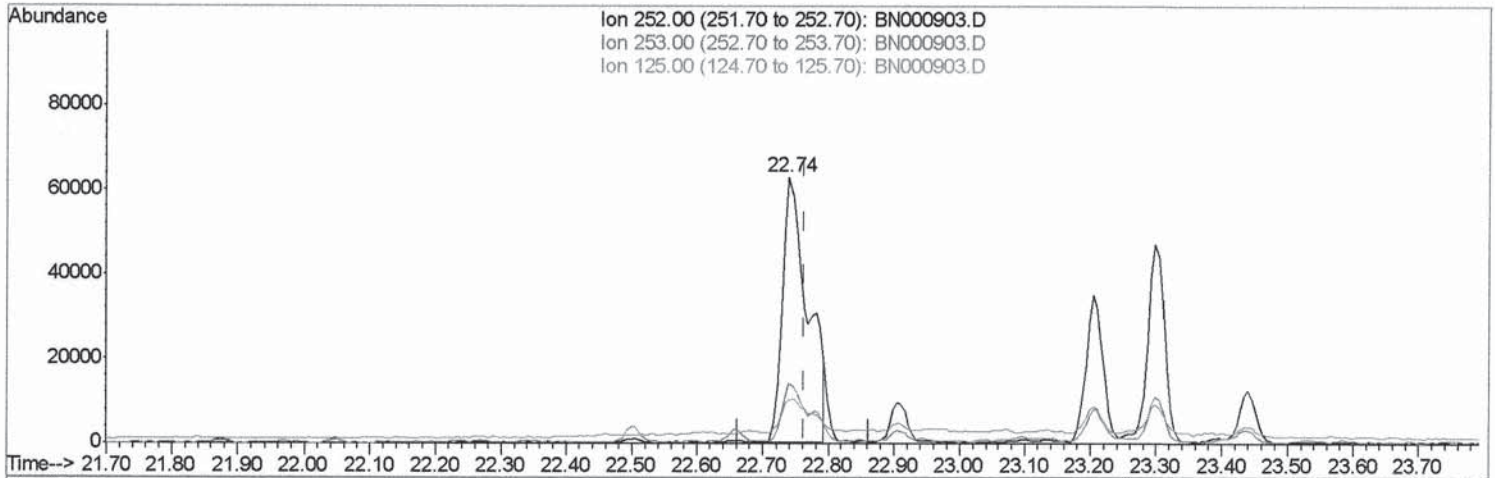
response 90972

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.23
229.00	19.80	22.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(23) Benzo(b)fluoranthene

22.739min (-0.024) 5.08ng/ul

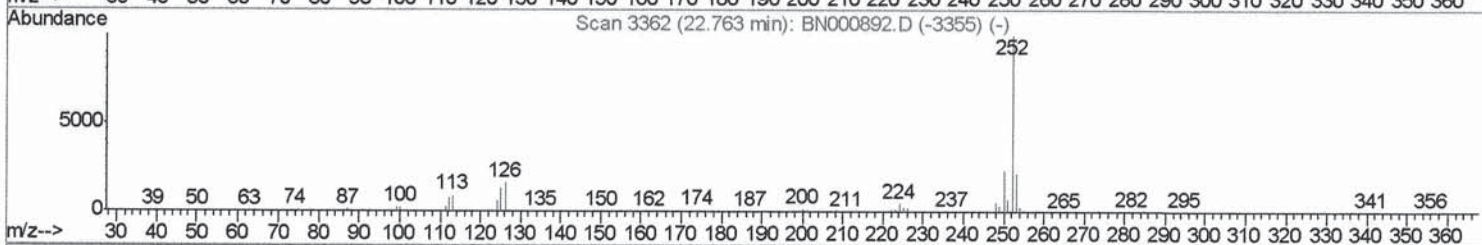
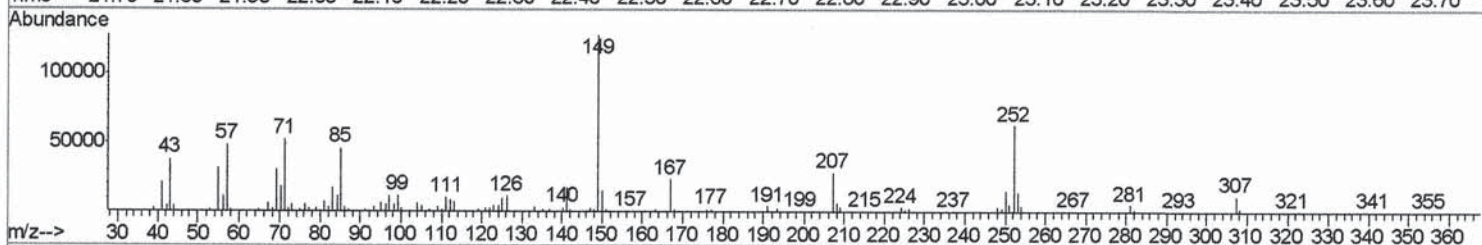
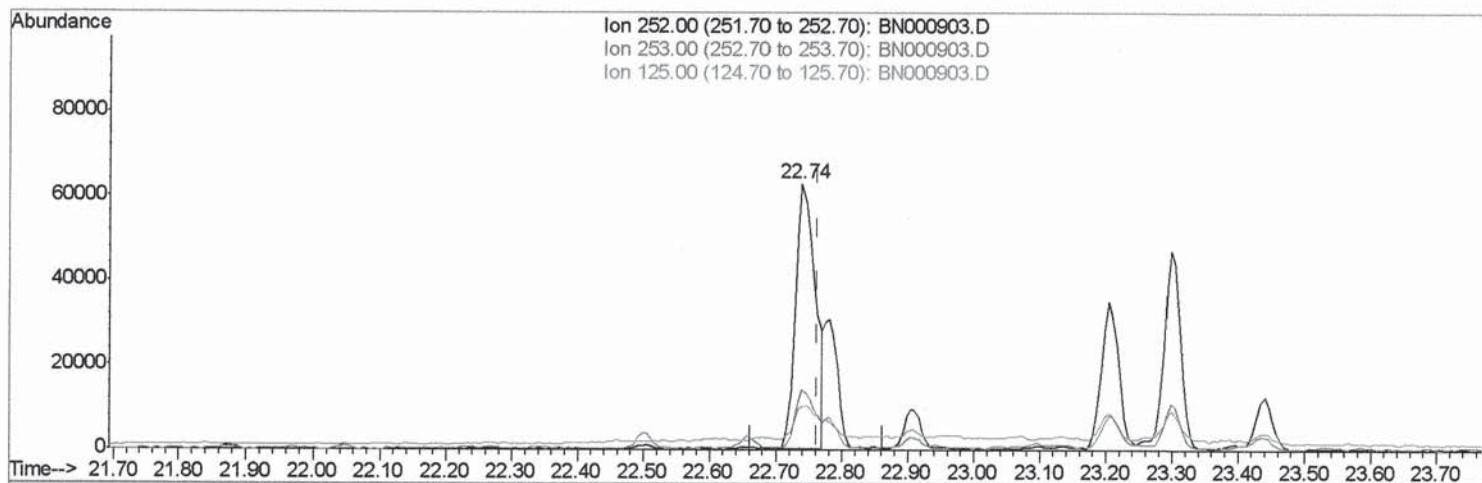
response 167484

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.00	16.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(23) Benzo(b)fluoranthene

22.739min (-0.024) 3.95ng/ul m

response 130336

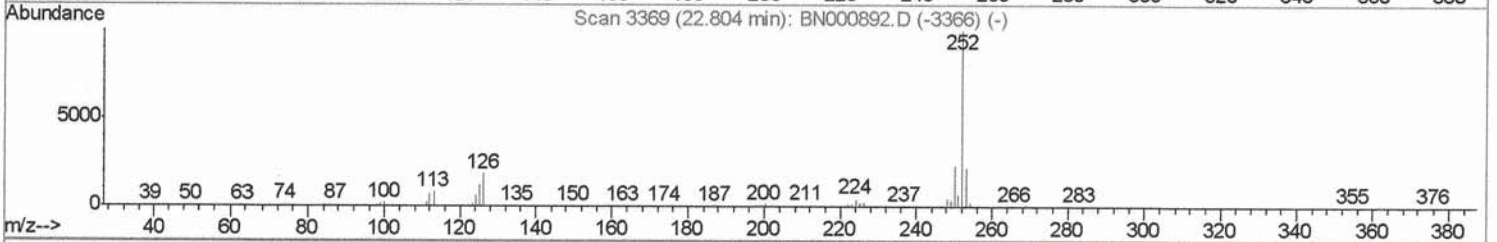
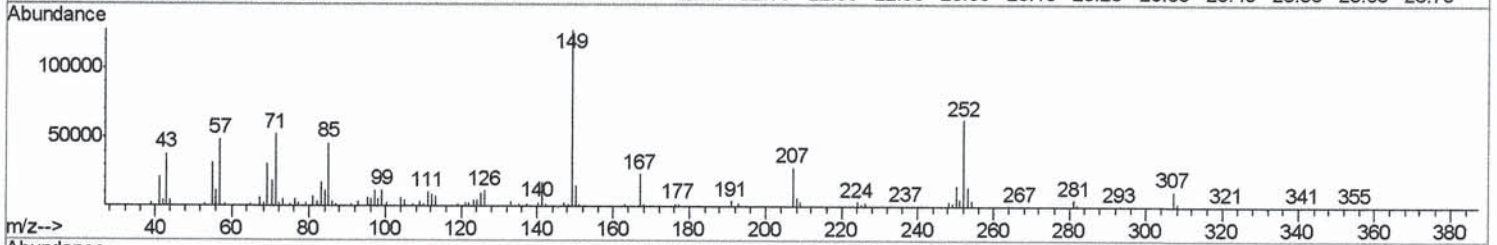
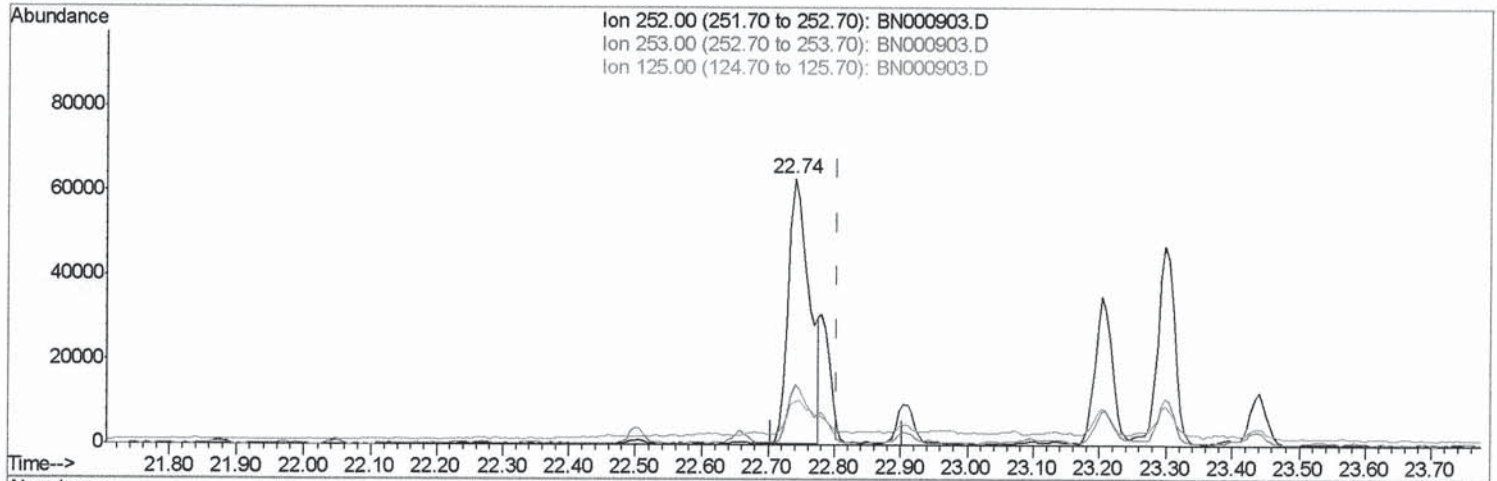
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.00	16.44#
0.00	0.00	0.00

JU/SJ 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(24) Benzo(k)fluoranthene

22.739min (-0.065) 4.34ng/ui

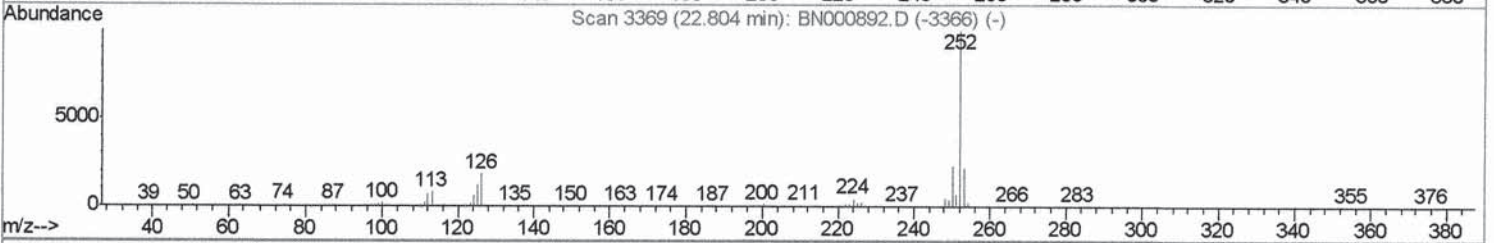
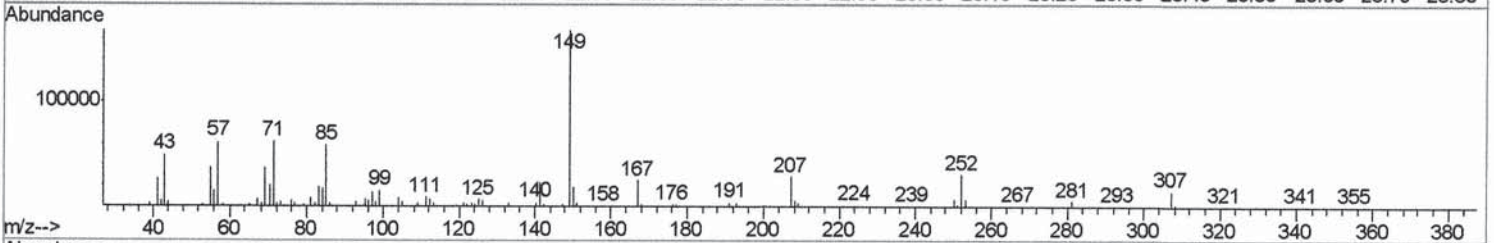
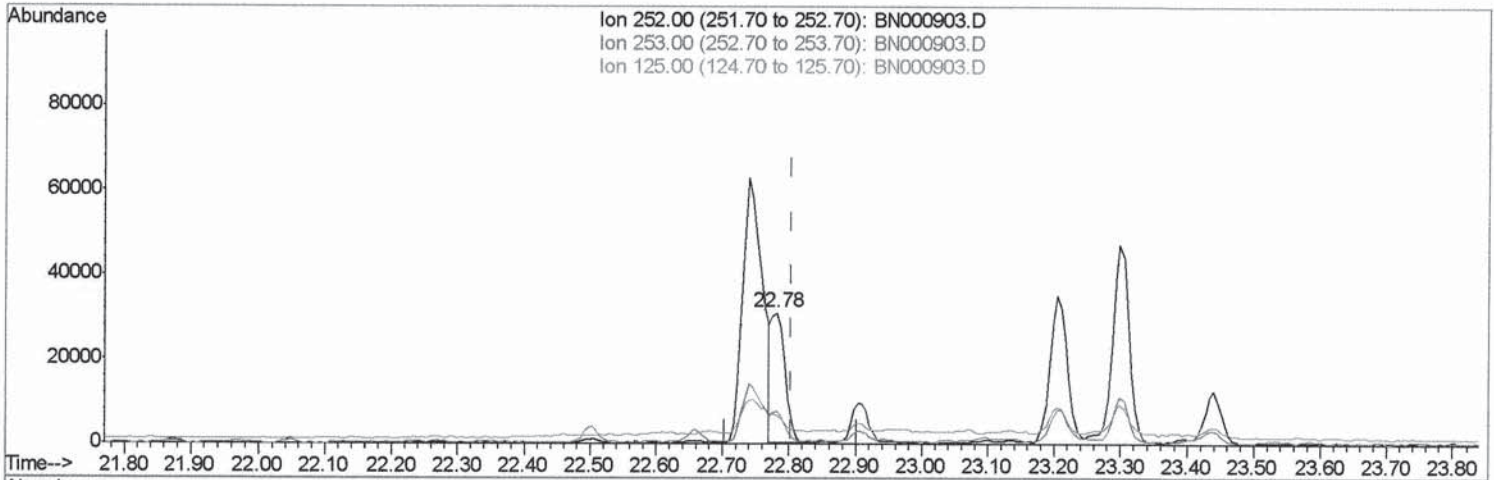
response 140262

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.10	16.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 07:59:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000903.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 1.35ng/ul m

response 43719

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.09
125.00	10.10	22.70#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 08:22:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139146	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	577652	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	287308	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	584762	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	560282	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	580551	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	976964	35.41	ng/ul	0.00
10) Fluorene-d10	15.25	176	676669	36.74	ng/ul	0.00
14) Anthracene-d10	17.10	188	985029	36.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	1040851	36.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1111889	40.54	ng/ul	-0.02

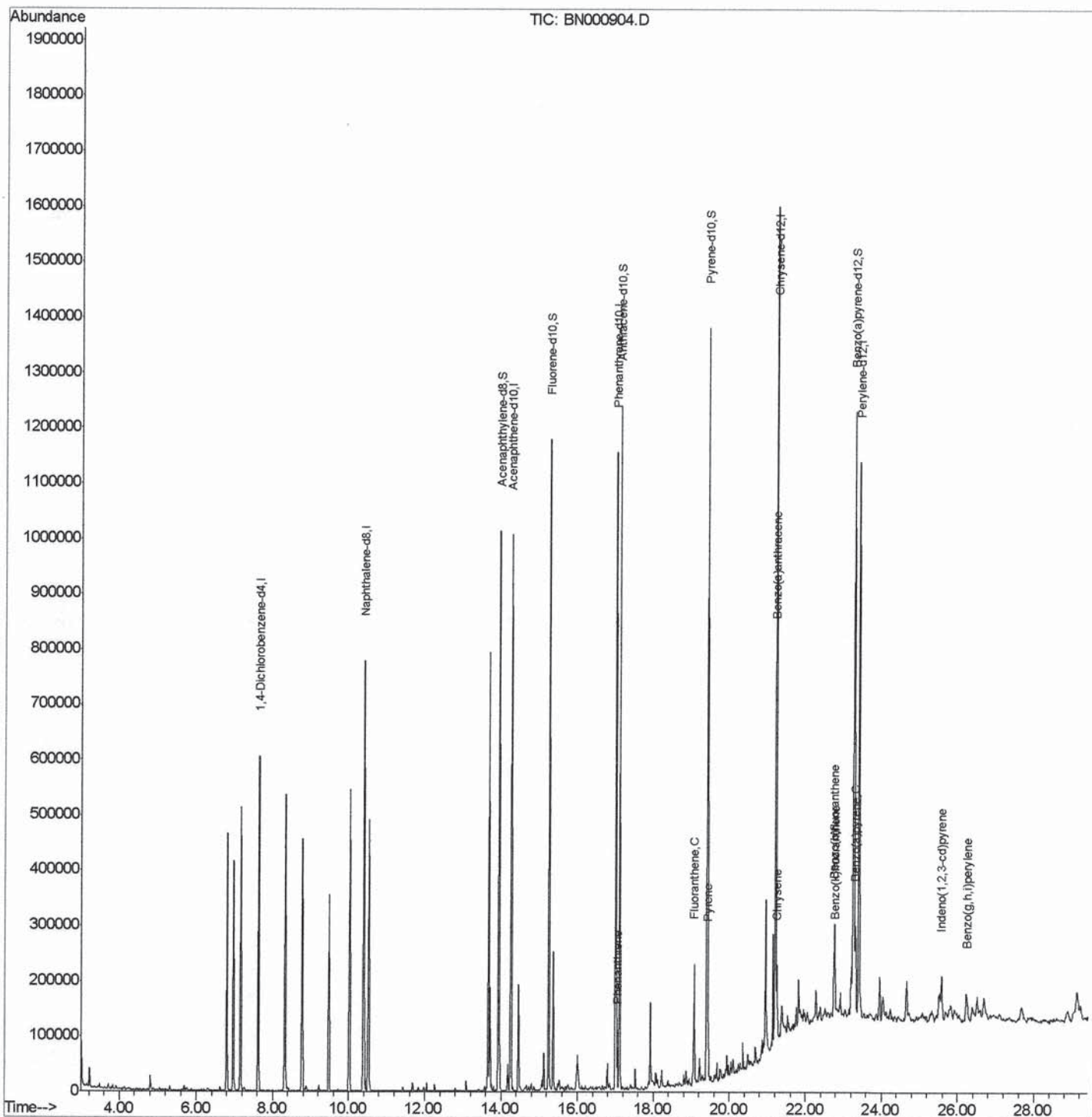
Target Compounds

					Ovalue	
9) Acenaphthene	14.32	153	727007	38.529	ng/ul	95
13) Phenanthrene	17.04	178	59084	1.853	ng/ul	99
16) Fluoranthene	19.06	202	159593	4.932	ng/ul#	94
19) Pyrene	19.43	202	1512634	42.032	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	87078m	2.600	ng/ul	} 74091 27/18
21) Chrysene	21.24	228	90972m	2.890	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	130336m	3.950	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	43719m	1.354	ng/ul	
26) Benzo(a)pyrene	23.30	252	80328	2.548	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.56	276	62306	1.636	ng/ul#	82
29) Benzo(a,h,i)perylene	26.23	276	52735	1.656	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000904.D
Acq On : 25 Apr 2018 22:43
Operator : JU/SJ
Sample : J2485-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

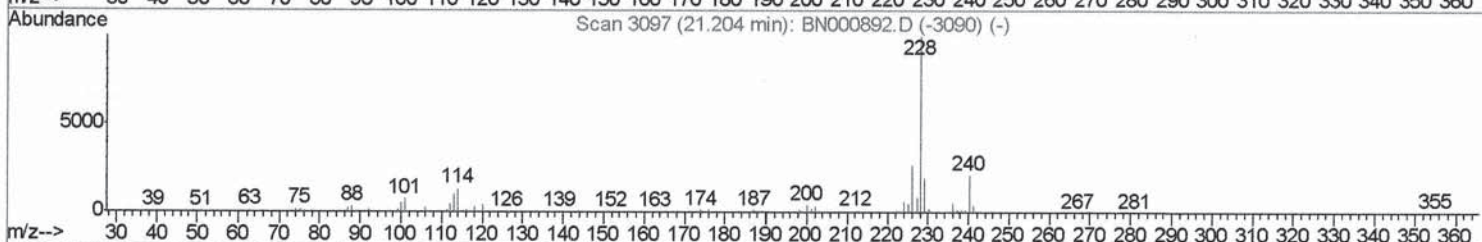
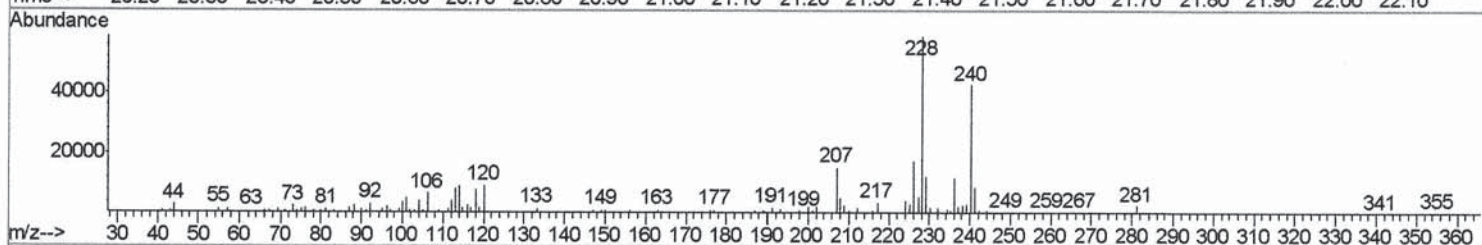
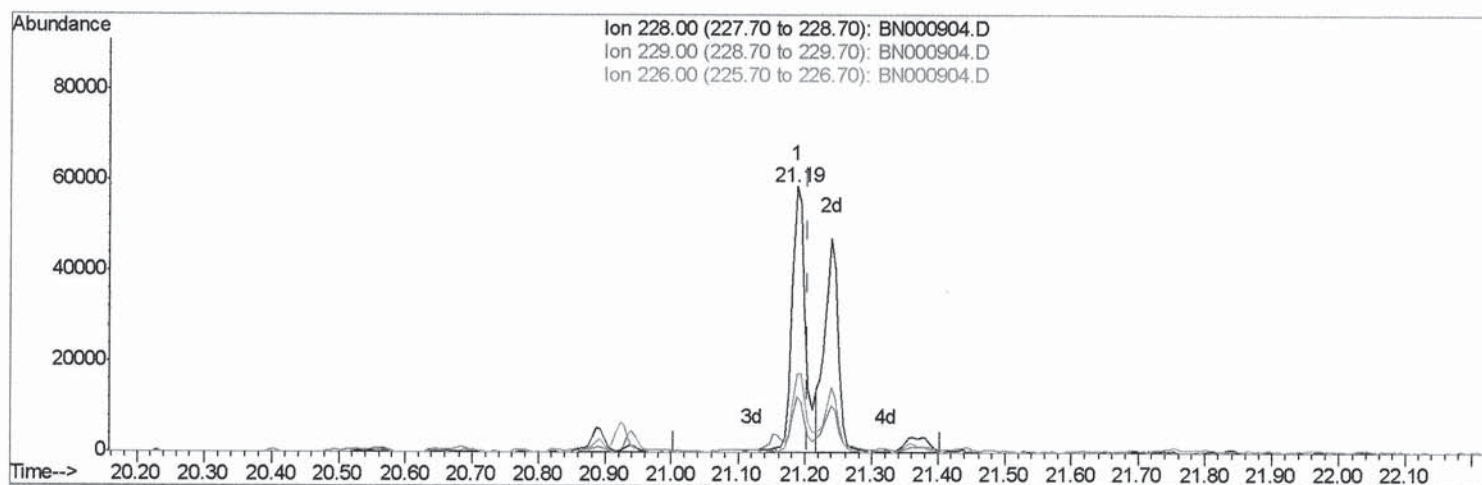
Quant Time: Apr 26 08:24:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.37ng/ul

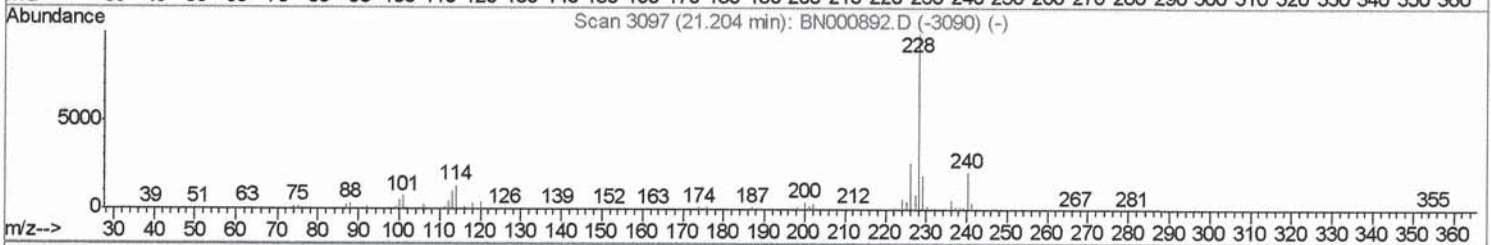
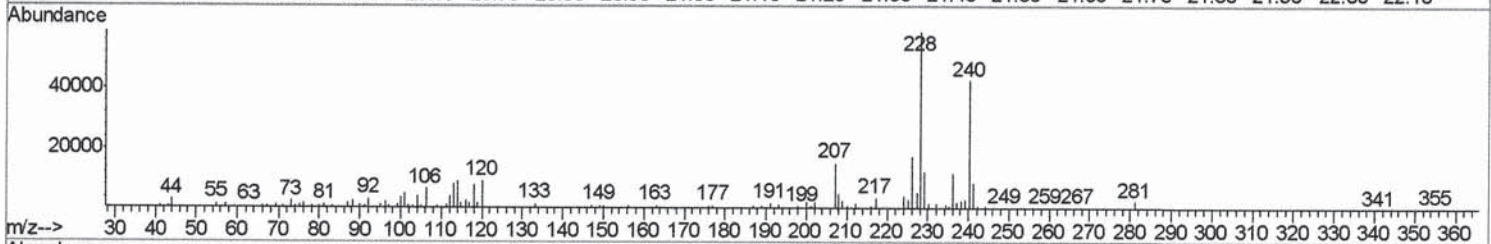
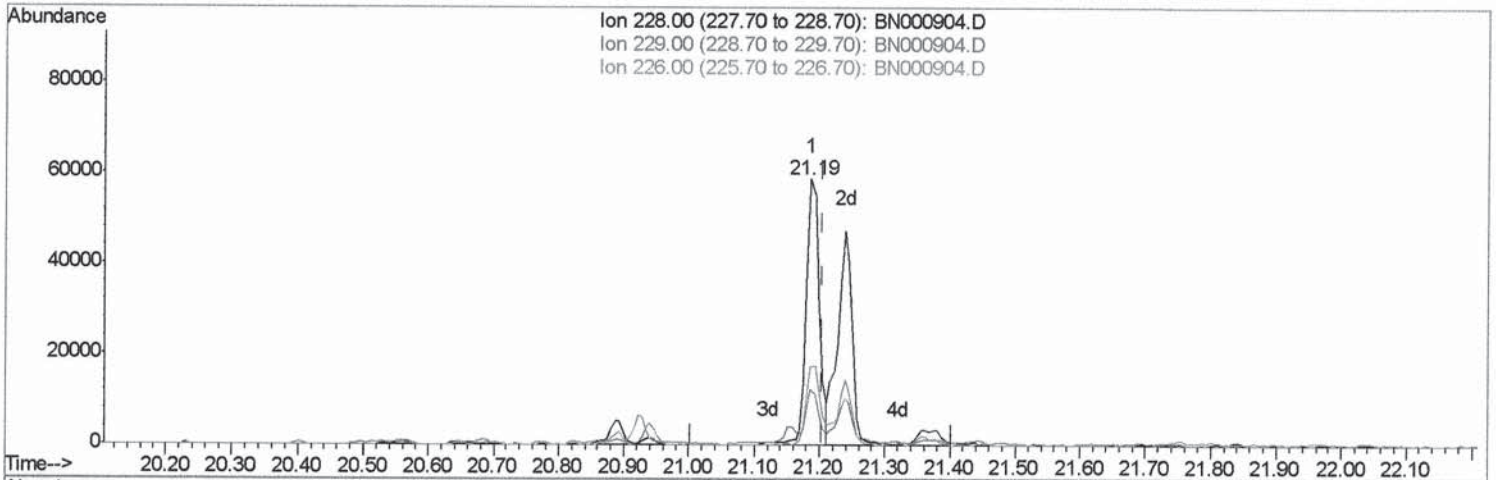
response 83798

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.88
226.00	26.40	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.29ng/ul m

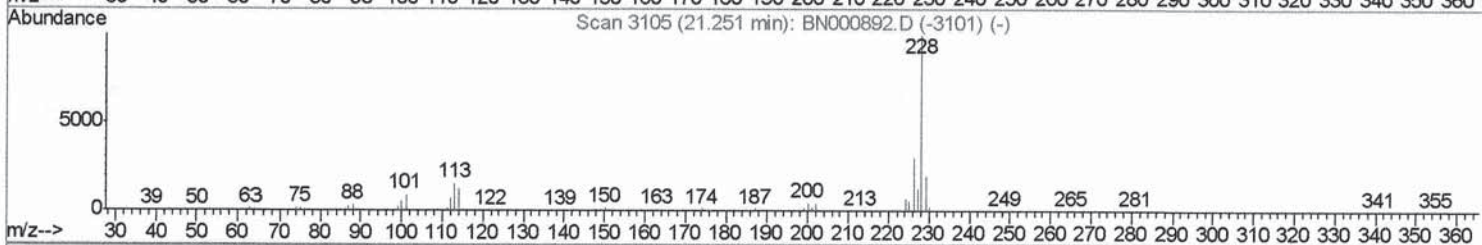
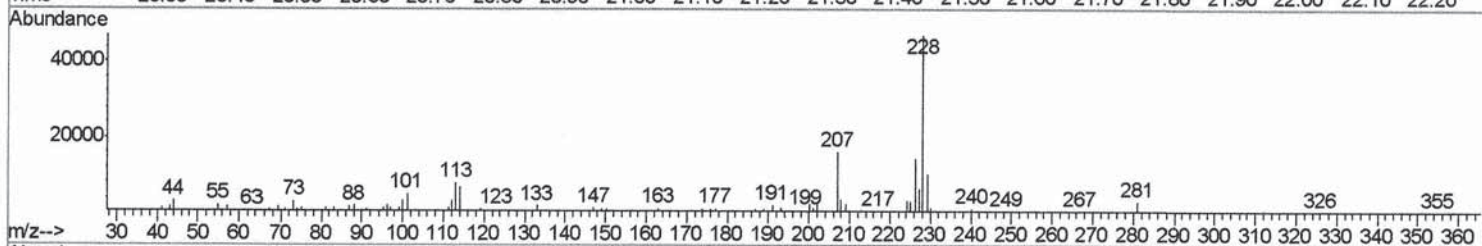
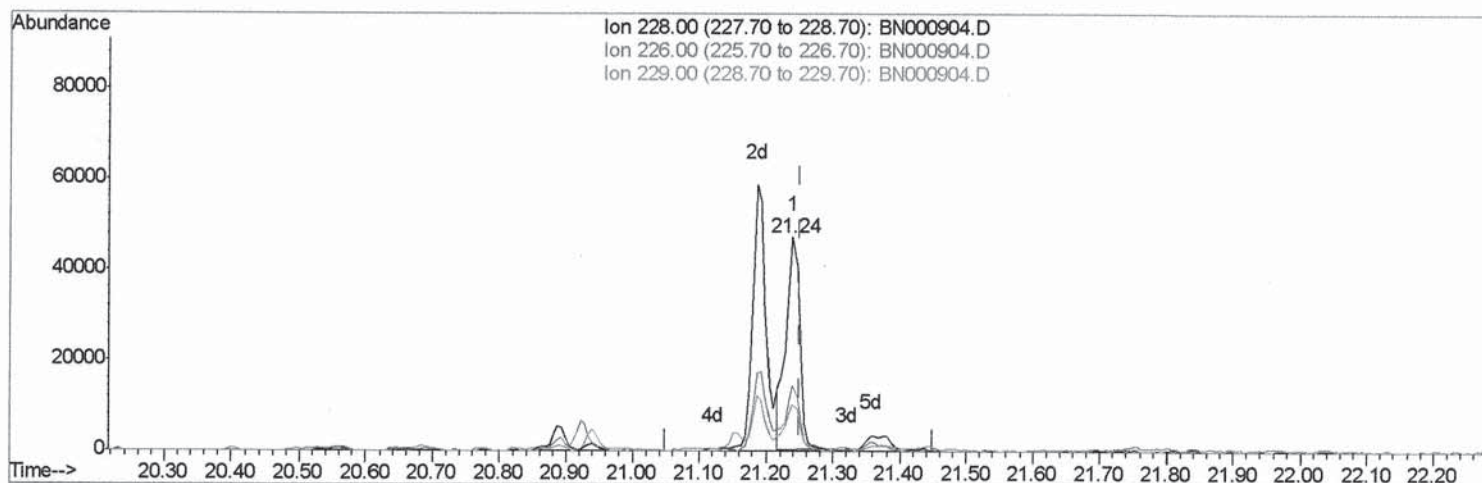
response 80727

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.88
226.00	26.40	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(21) Chrysene

21.239min (-0.012) 1.98ng/ul

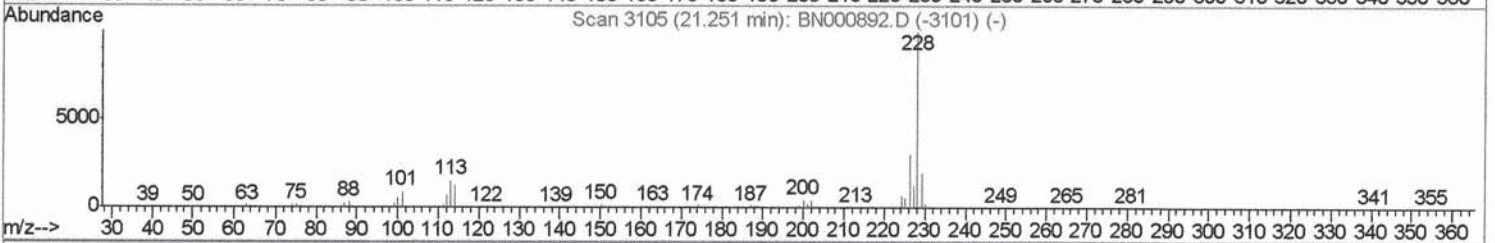
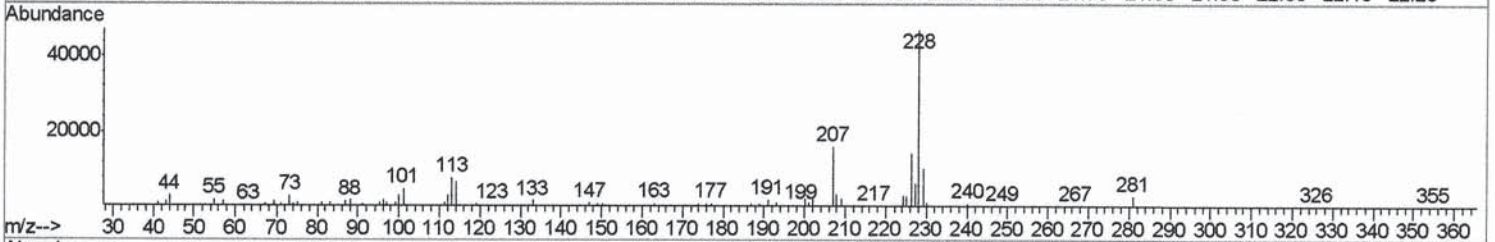
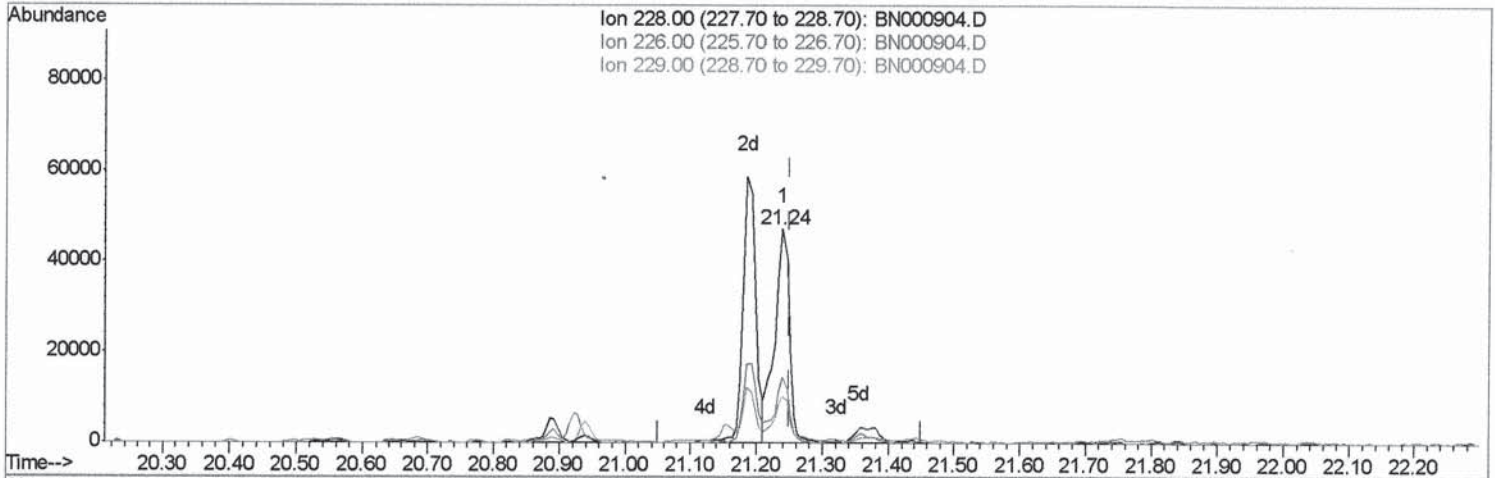
response 65903

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.88
229.00	19.80	22.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(21) Chrysene

21.239min (-0.012) 2.20ng/ul m

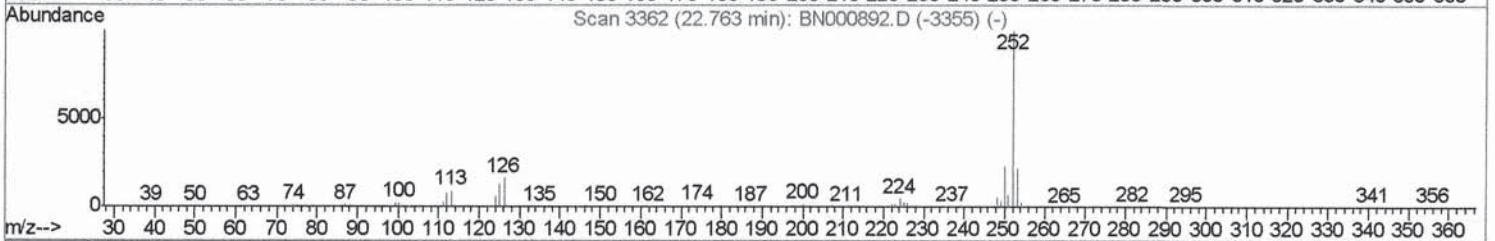
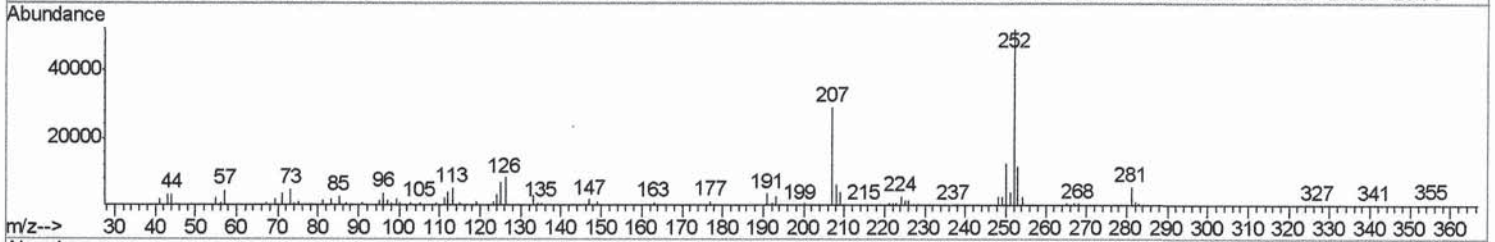
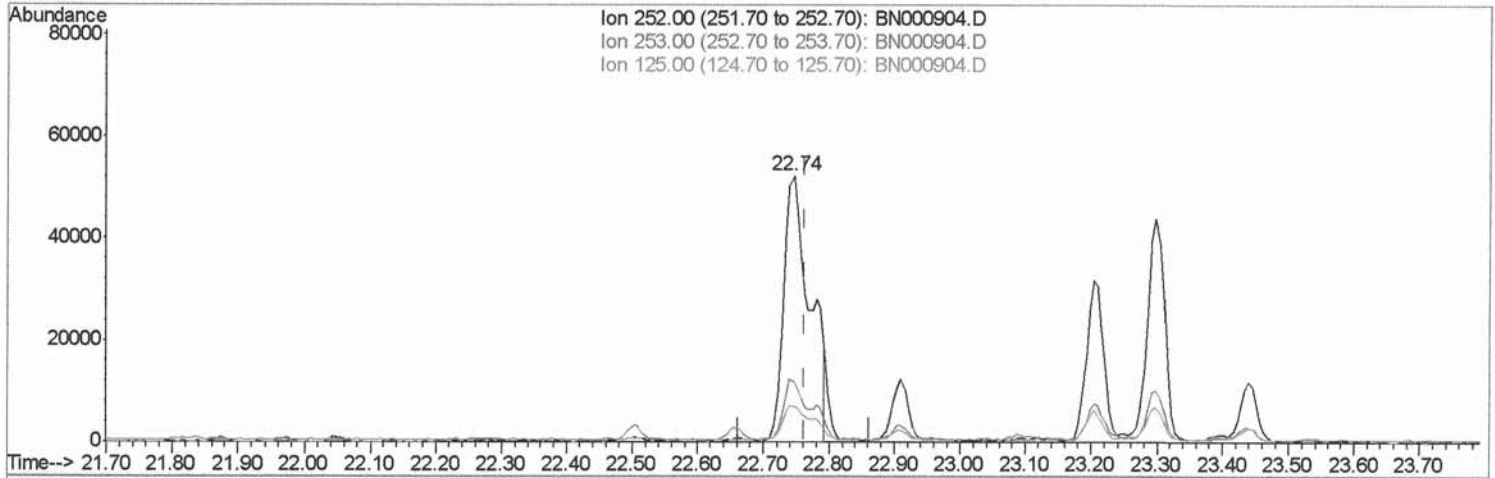
response 72969

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.88
229.00	19.80	22.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.04ng/ui

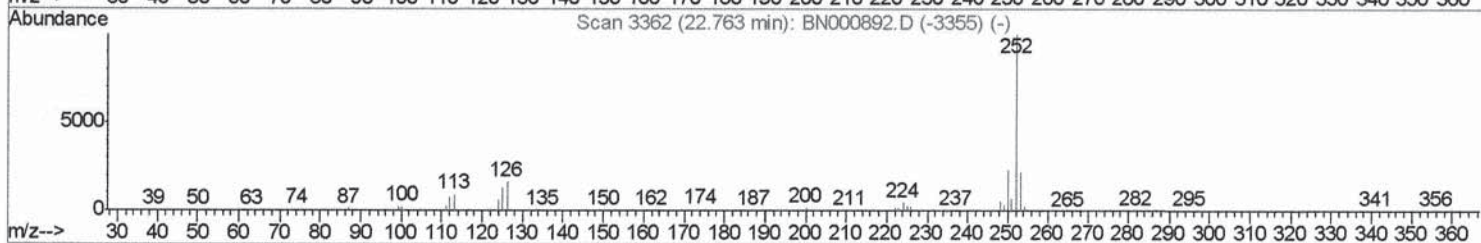
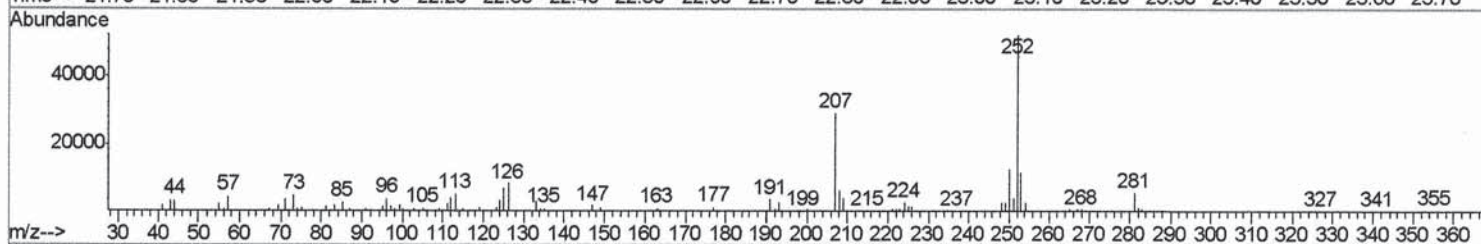
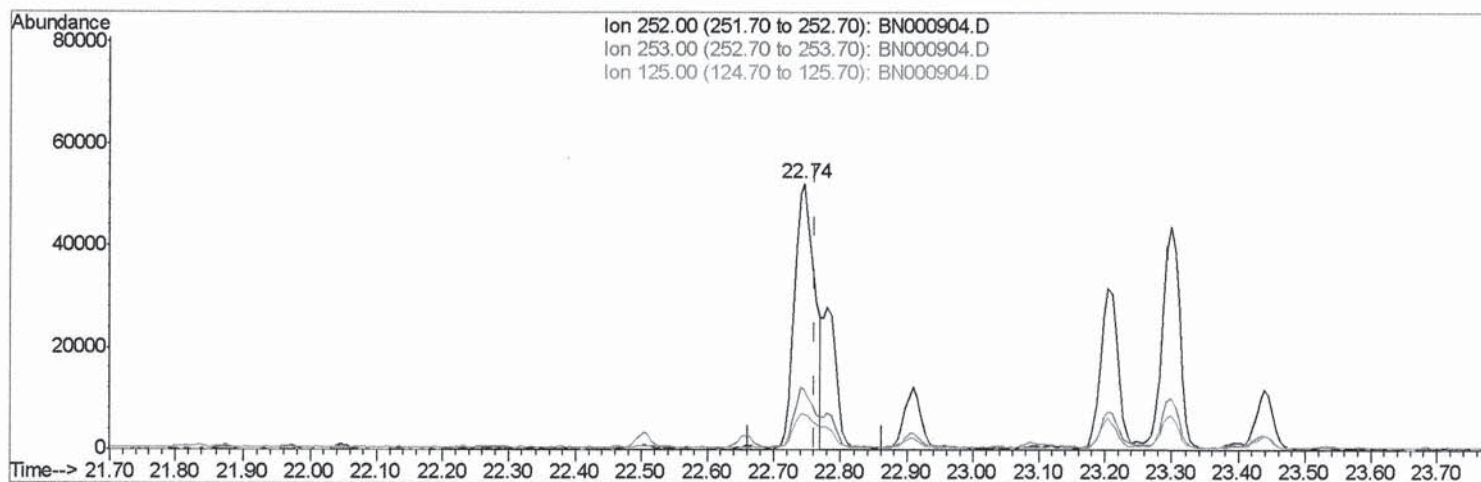
response 145822

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.67
125.00	10.00	13.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 3.08ng/ul

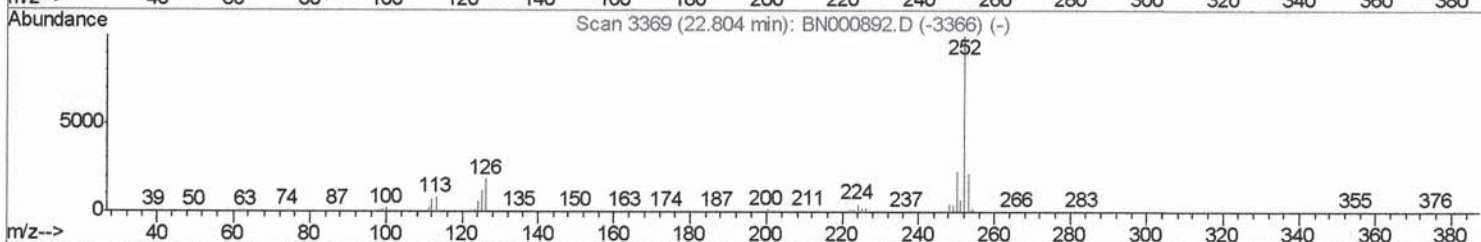
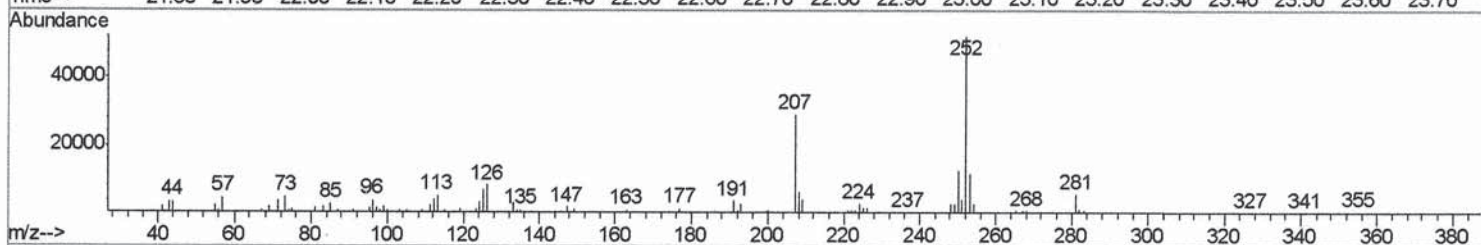
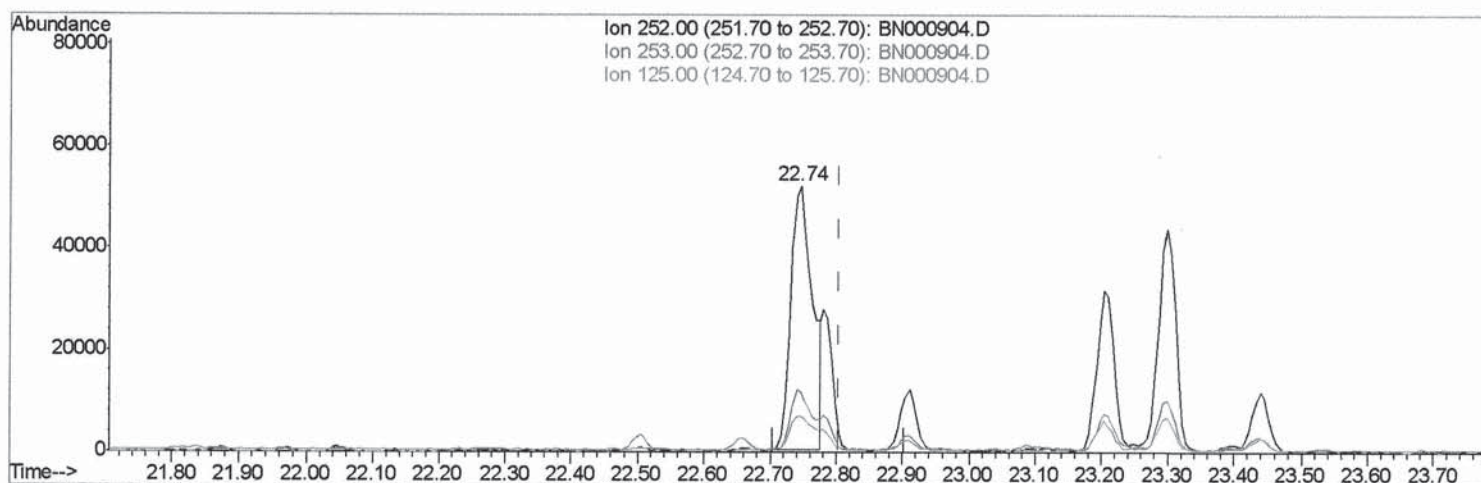
response 111115

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.67
125.00	10.00	13.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 3.35ng/ul

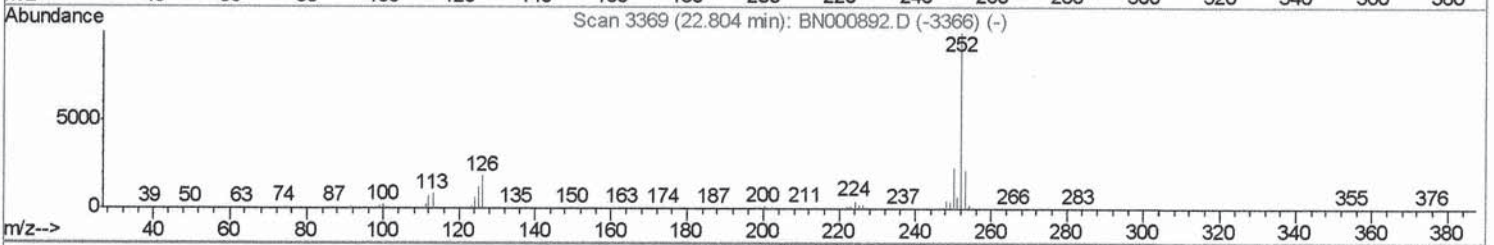
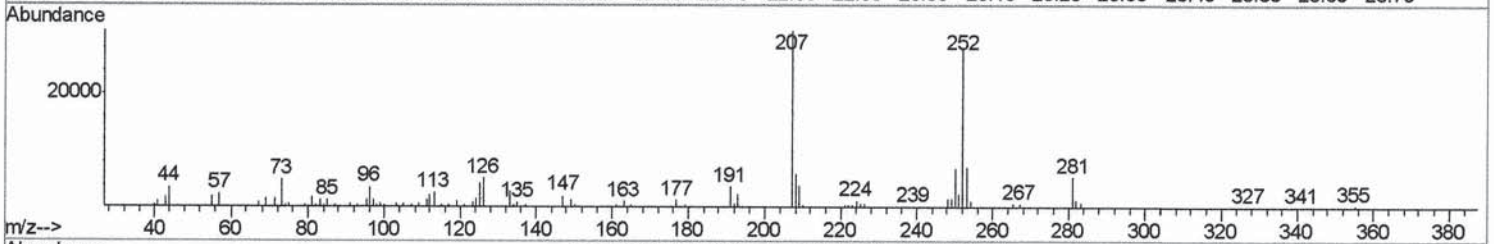
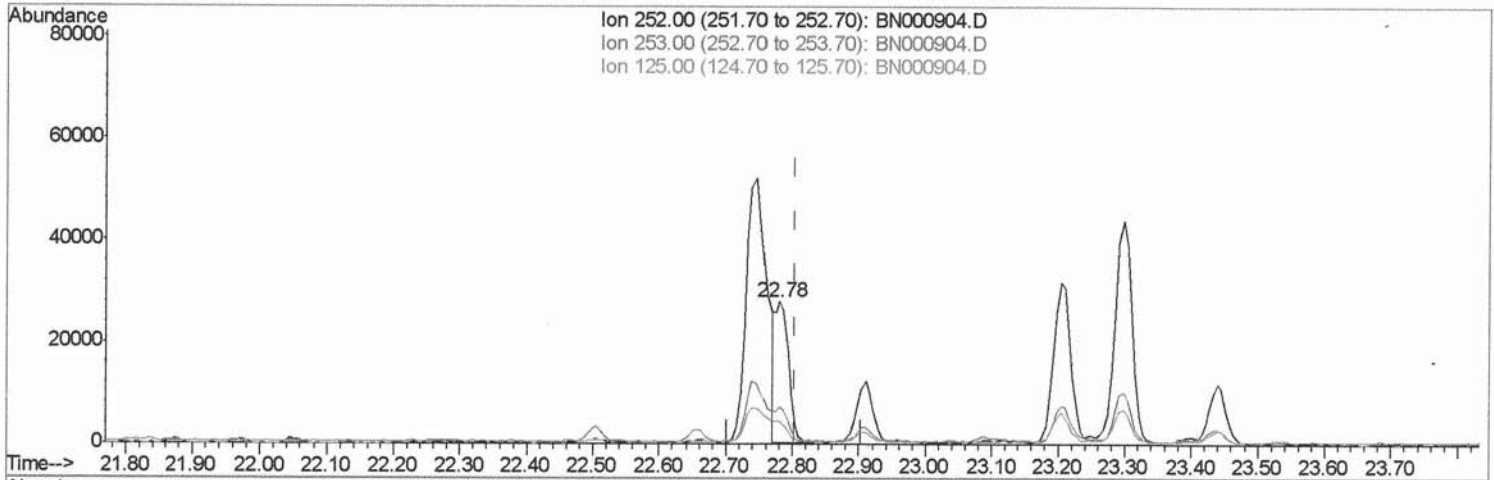
response 118263

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.67
125.00	10.10	13.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:00:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000904.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 1.13ng/ul m

response 39708

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.04
125.00	10.10	16.11#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 08:24:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	150690	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	620946	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	305068	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	613136	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	590997	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	634616	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	626114	21.37	ng/ul	0.00
10) Fluorene-d10	15.25	176	426302	21.80	ng/ul	0.00
14) Anthracene-d10	17.10	188	608823	21.71	ng/ul	0.00
18) Pyrene-d10	19.40	212	641814	21.19	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	708830	23.65	ng/ul	-0.02

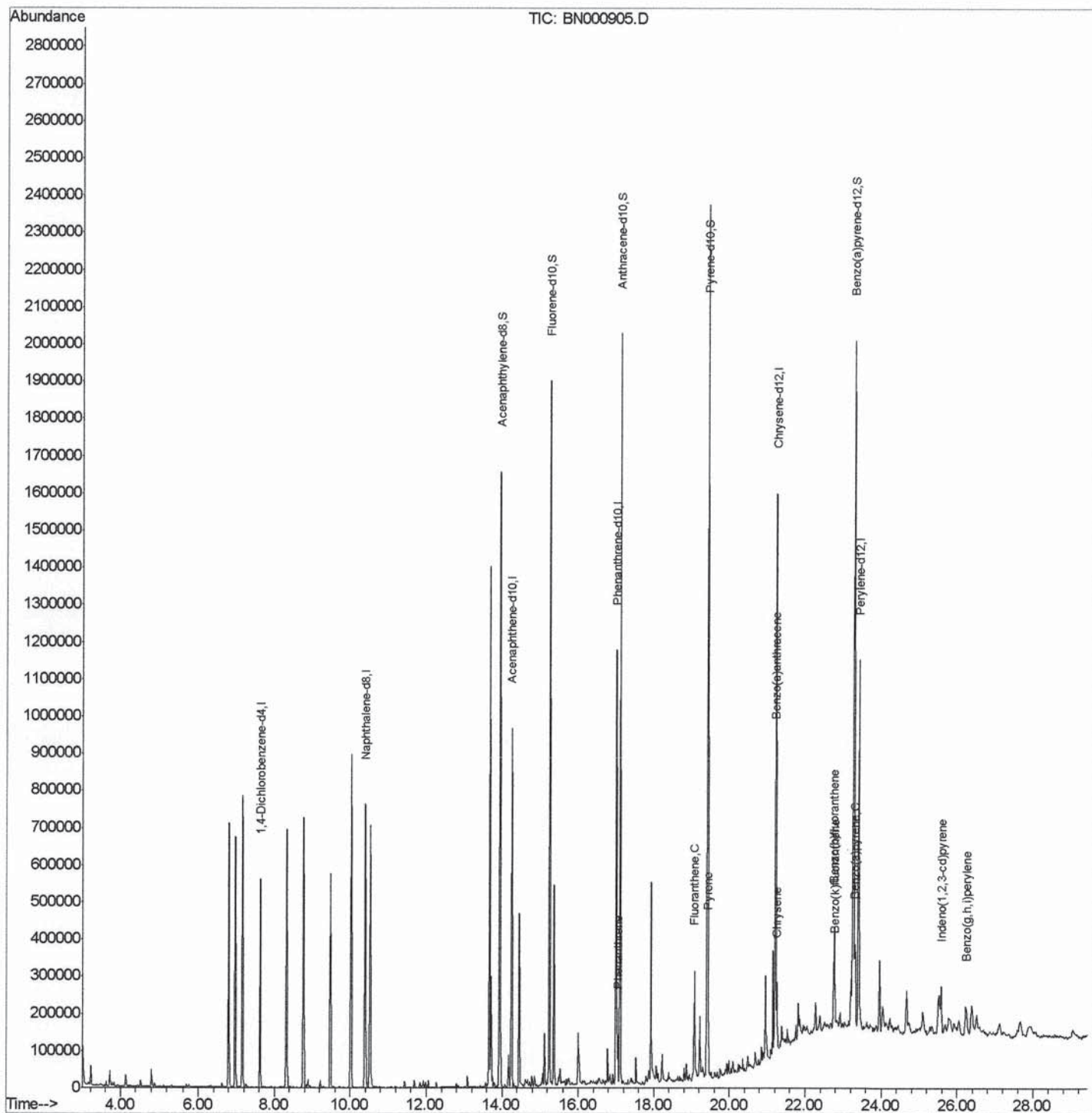
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	39520	1.182	ng/ul	98
16) Fluoranthene	19.06	202	110503	3.257	ng/ul	95
19) Pyrene	19.43	202	97123	2.559	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	80727m	2.285	ng/ul	} J404/27/18
21) Chrysene	21.24	228	72969m	2.198	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	111115m	3.081	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	39708m	1.125	ng/ul	} 93
26) Benzo(a)pyrene	23.30	252	78228	2.270	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	25.56	276	59016	1.418	ng/ul#	
29) Benzo(g,h,i)perylene	26.22	276	53830	1.546	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000905.D
Acq On : 25 Apr 2018 23:18
Operator : JU/SJ
Sample : J2485-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:26:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000905.D
Acq On : 25 Apr 2018 23:18
Operator : JU/SJ
Sample : J2485-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Abundance

100000

80000

60000

40000

20000

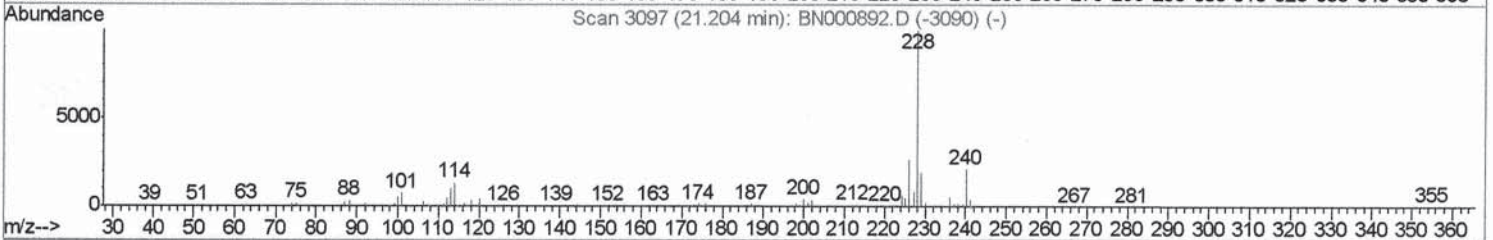
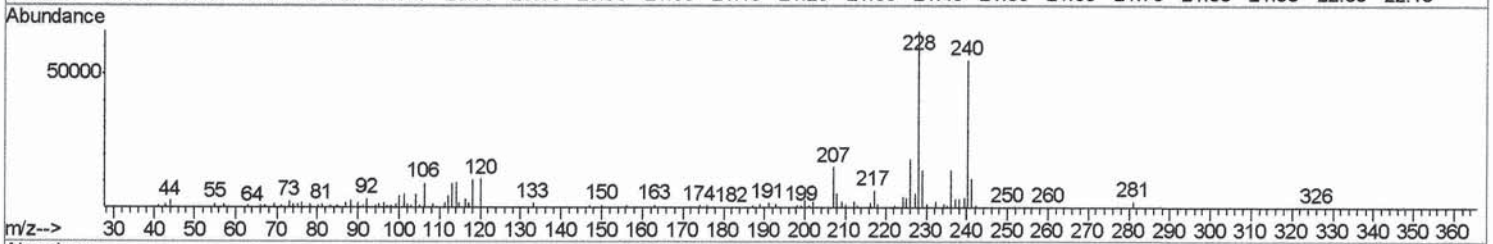
0

Time--> 20.20 20.30 20.40 20.50 20.60 20.70 20.80 20.90 21.00 21.10 21.20 21.30 21.40 21.50 21.60 21.70 21.80 21.90 22.00 22.10

Ion 228.00 (227.70 to 228.70): BN000905.D
 Ion 229.00 (228.70 to 229.70): BN000905.D
 Ion 226.00 (225.70 to 226.70): BN000905.D

1
21.19
2d

5d 4d 3d 6d

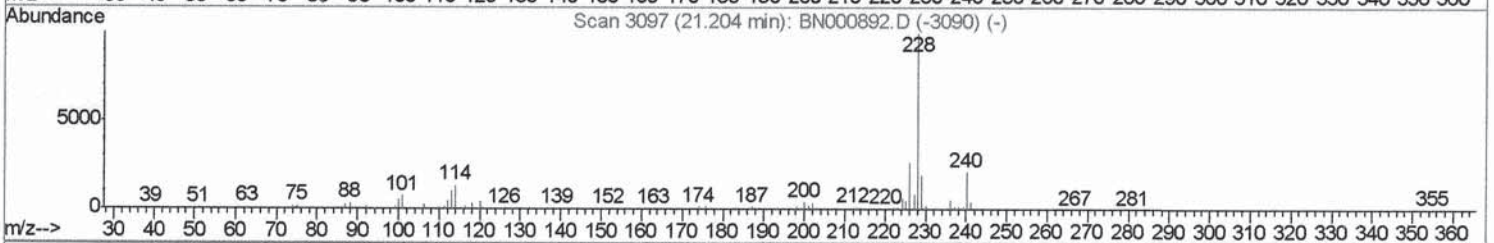
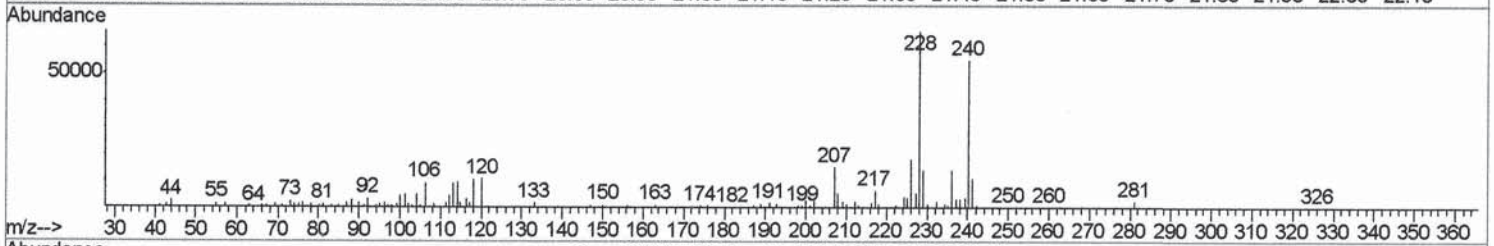
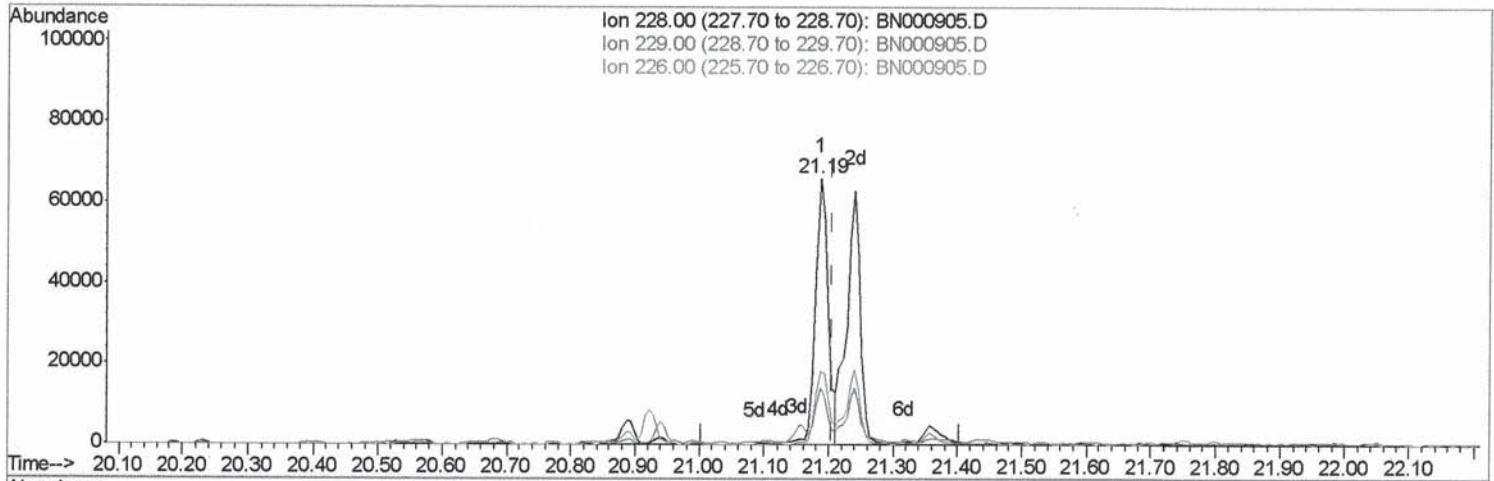


(20) Benzo(a)anthracene		
21.186min (-0.018) 2.29ng/ul		
response 81481		
Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.28
226.00	26.40	27.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000905.D

(20) Benzo(a)anthracene

21.186min (-0.018) 2.51ng/ul m

response 89236

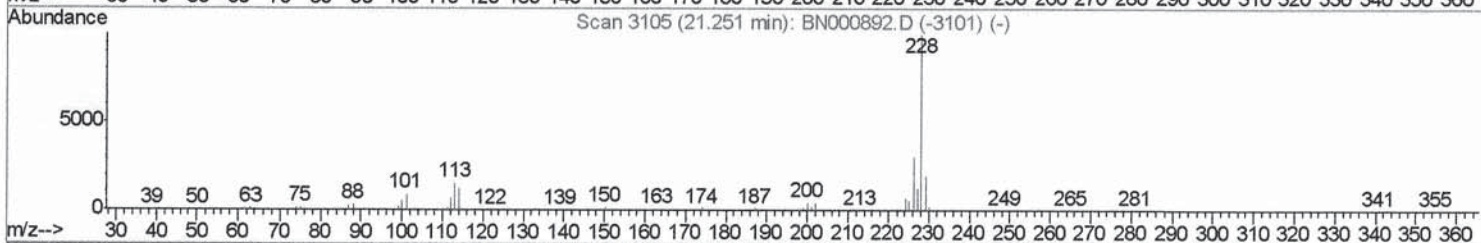
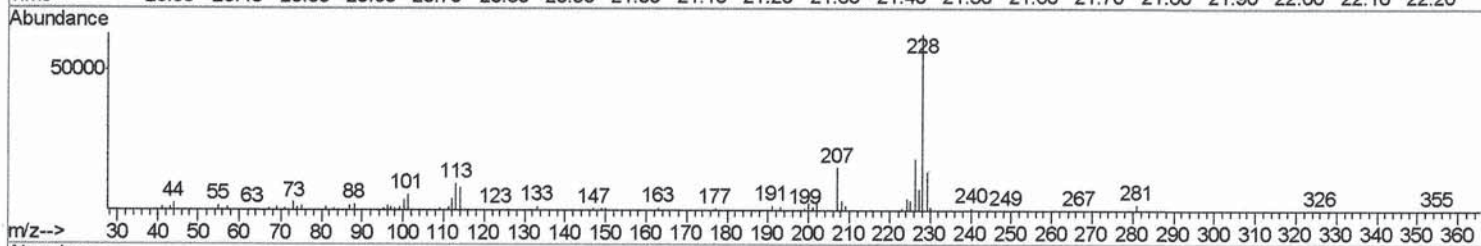
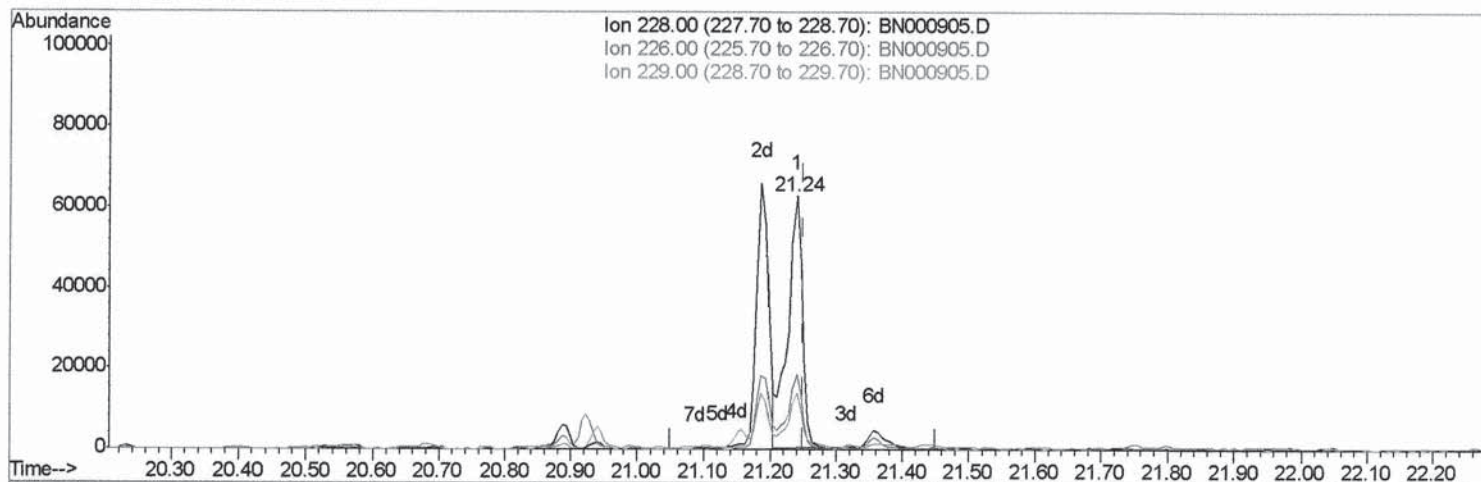
Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.28
226.00	26.40	27.78
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000905.D

(21) Chrysene

21.239min (-0.012) 2.85ng/ul

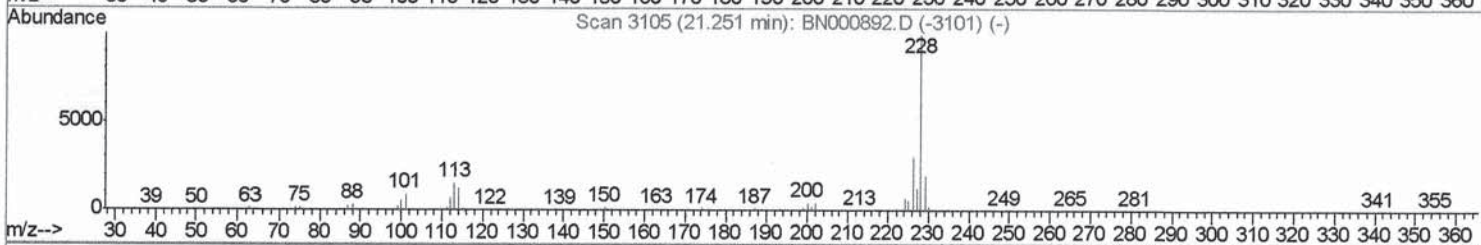
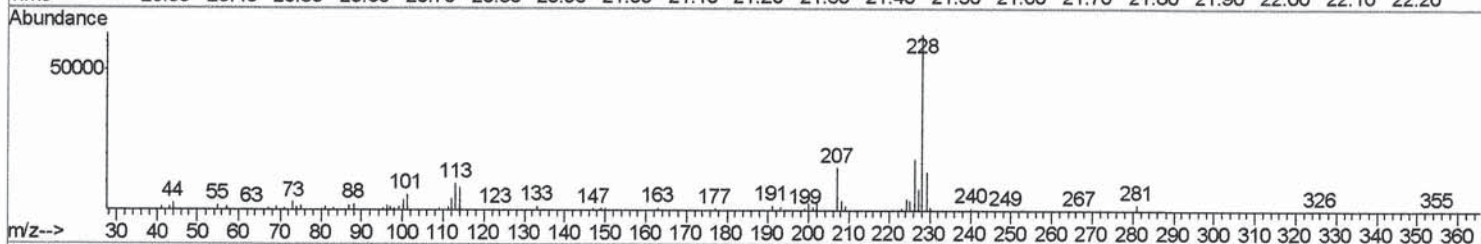
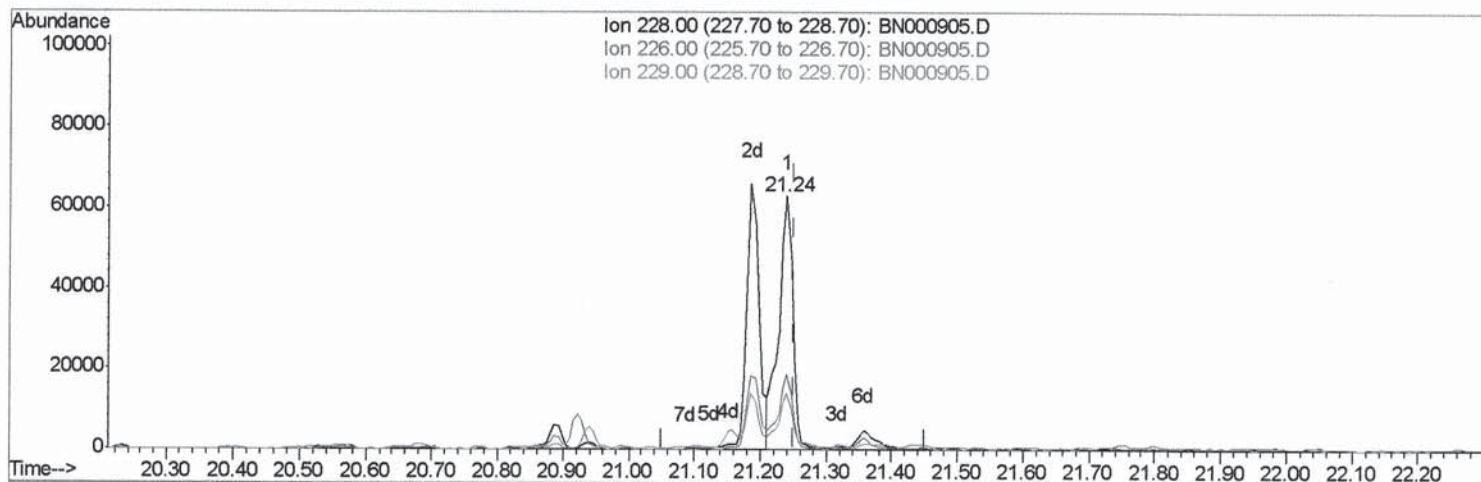
response 95255

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.69
229.00	19.80	22.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



(21) Chrysene

21.239min (-0.012) 2.78ng/ul m

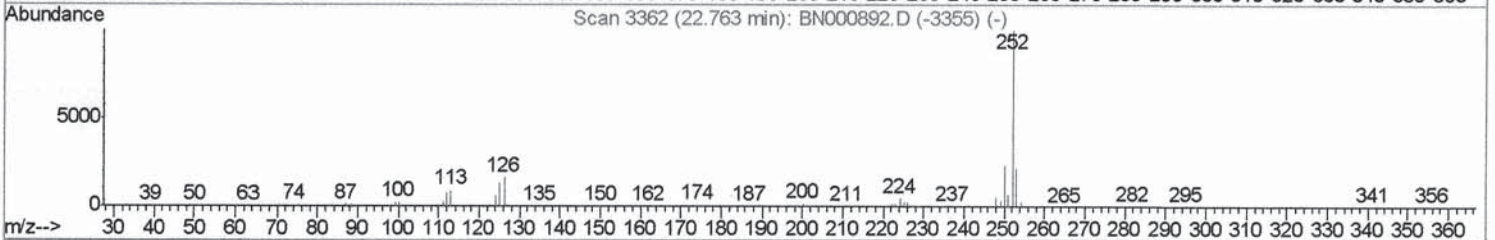
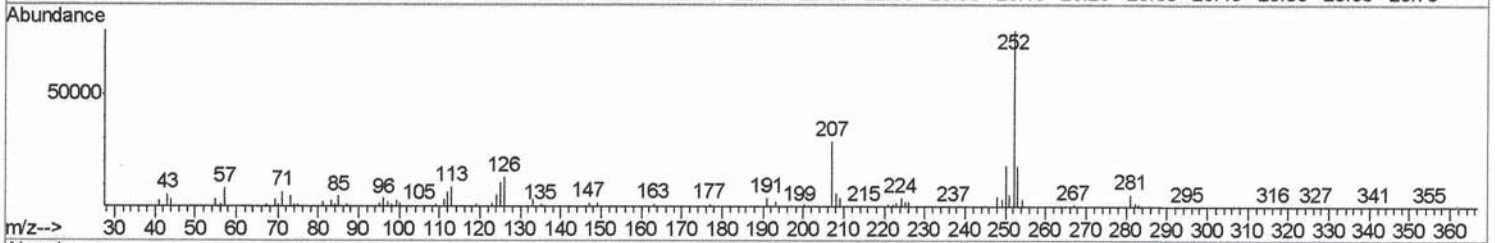
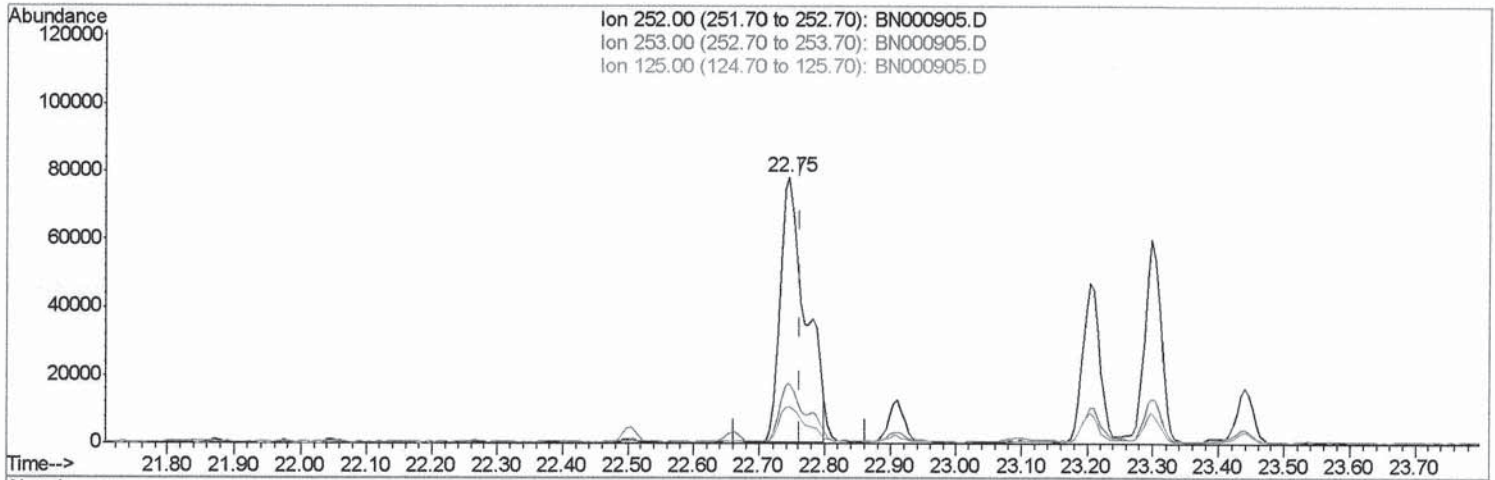
response 92921

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.69
229.00	19.80	22.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000905.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 5.88ng/ul

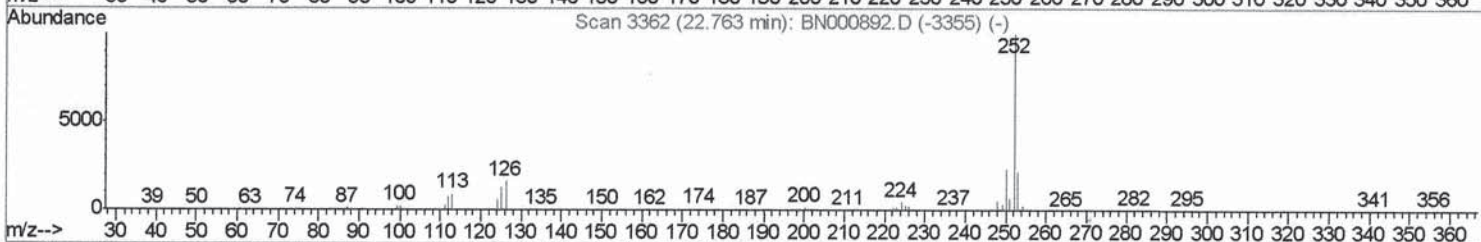
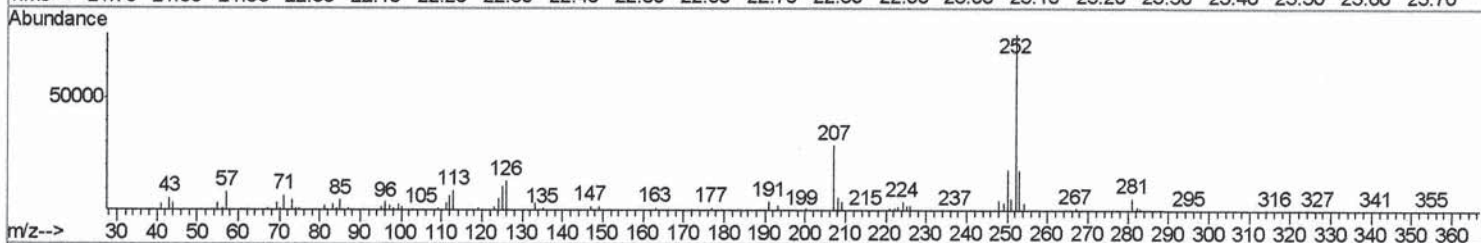
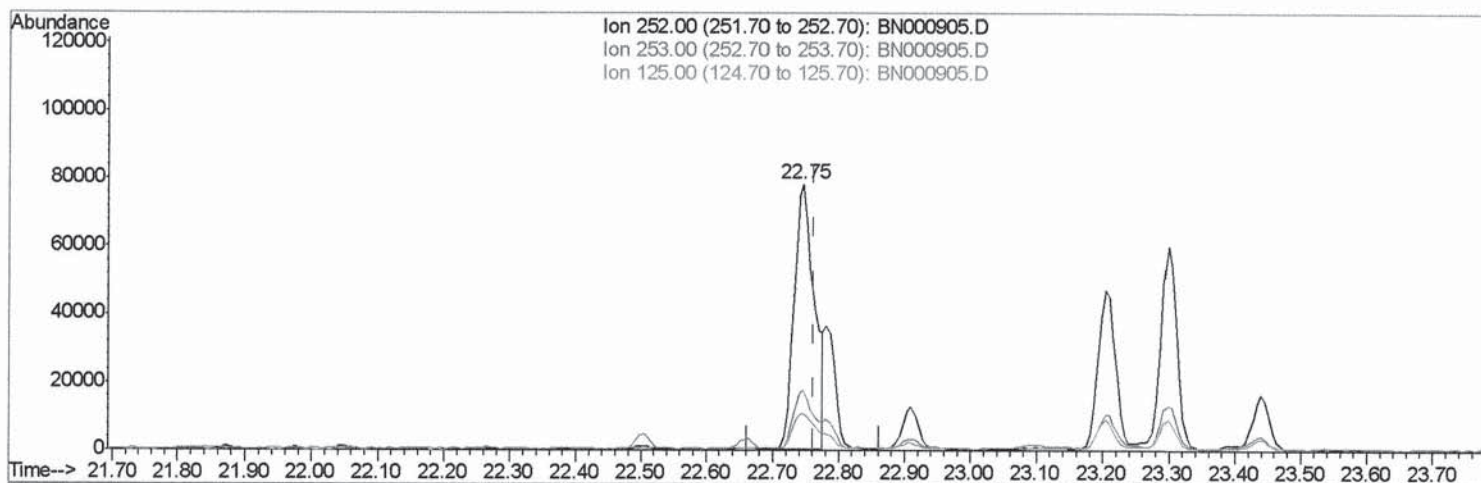
response 207742

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.00	14.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000905.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.85ng/ul m

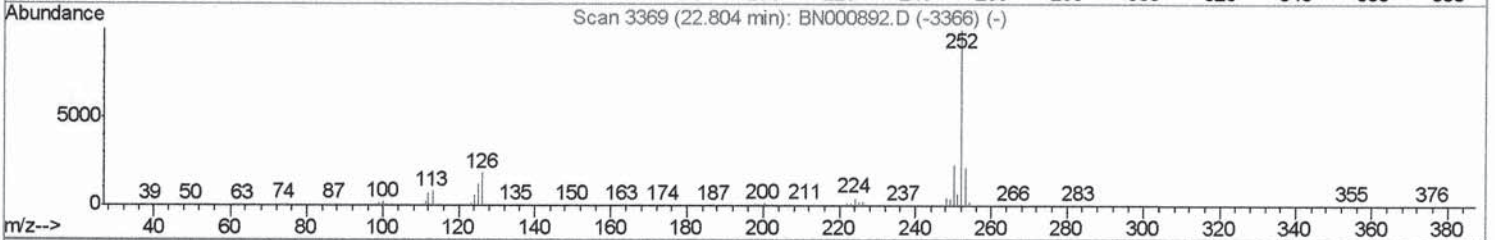
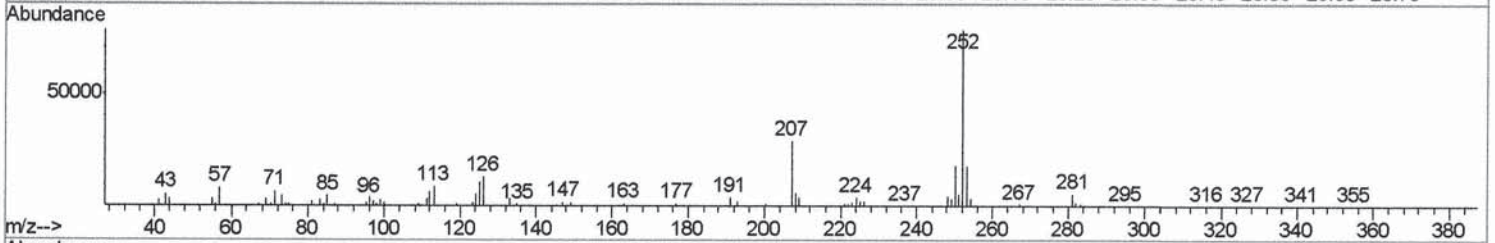
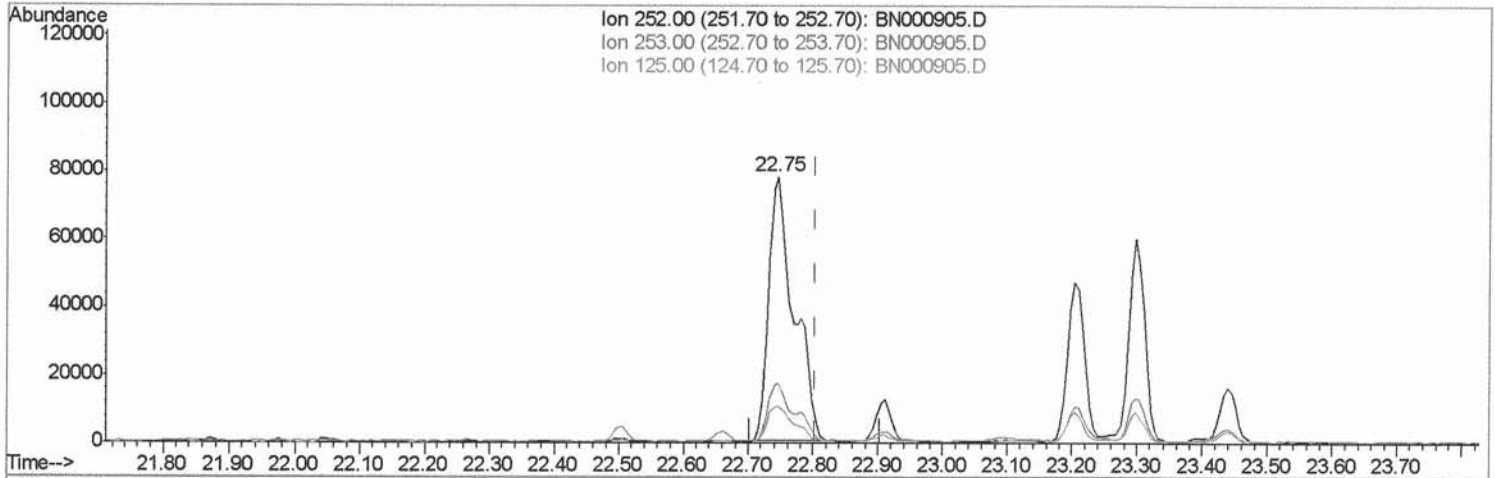
response 171317

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.00	14.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000905.D

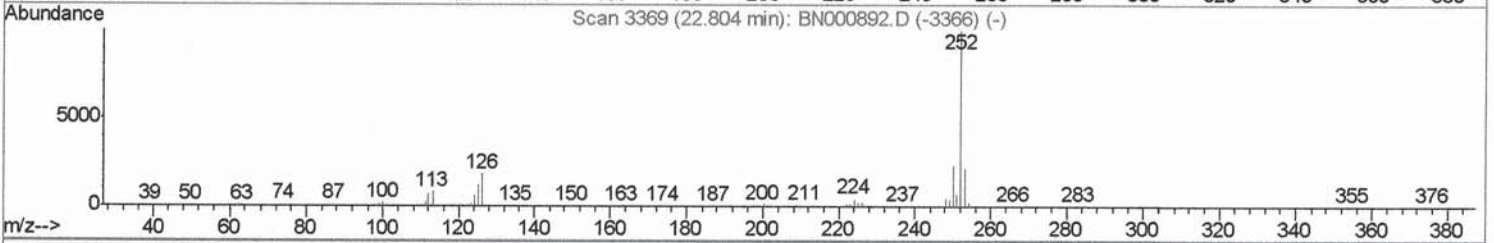
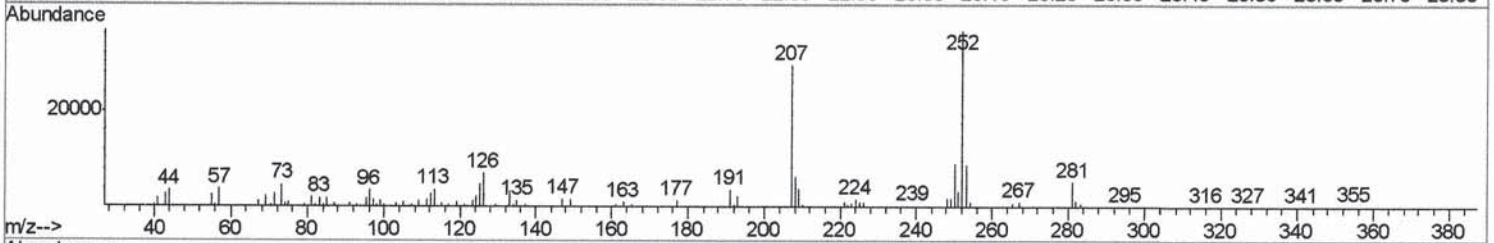
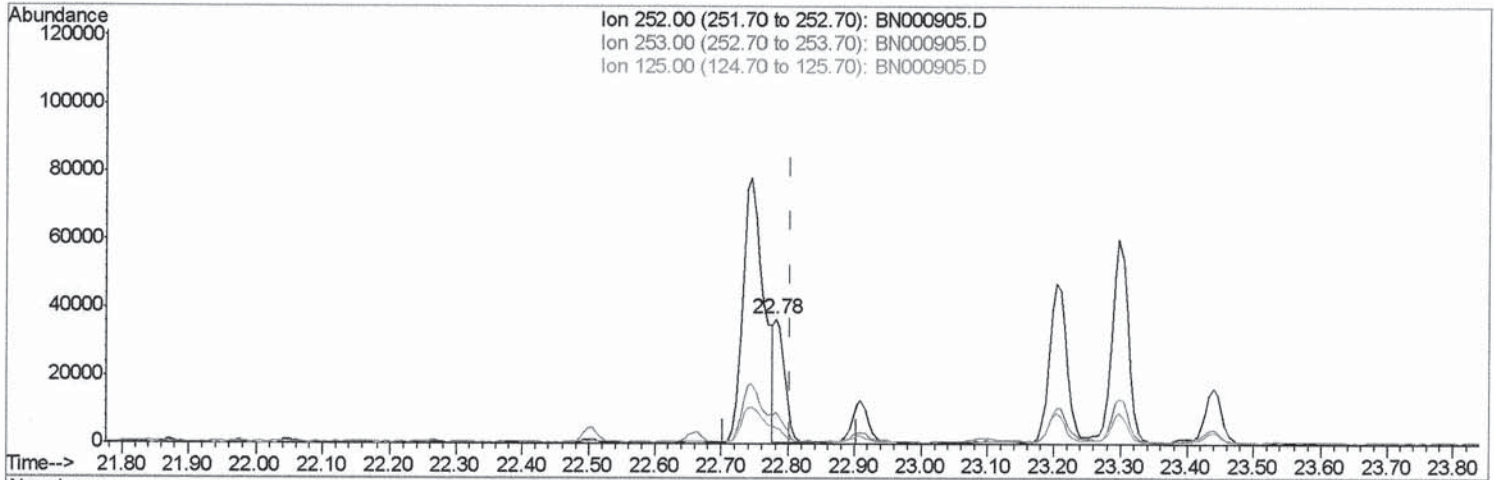
(24) Benzo(k)fluoranthene
 22.745min (-0.059) 6.05ng/ui
 response 209144

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.84
125.00	10.10	14.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000905.D

(24) Benzo(k)fluoranthene

22.780min (-0.024) 1.17ng/ul m

response 40491

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.71
125.00	10.10	13.94#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 26 08:26:42 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592213	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	299408	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	608178	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	594597	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	621354	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	1052367	36.60	ng/ul	0.00
10) Fluorene-d10	15.25	176	717507	37.38	ng/ul	0.00
14) Anthracene-d10	17.10	188	1034360	37.19	ng/ul	0.00
18) Pyrene-d10	19.40	212	1100366	36.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1195180	40.72	ng/ul	-0.02

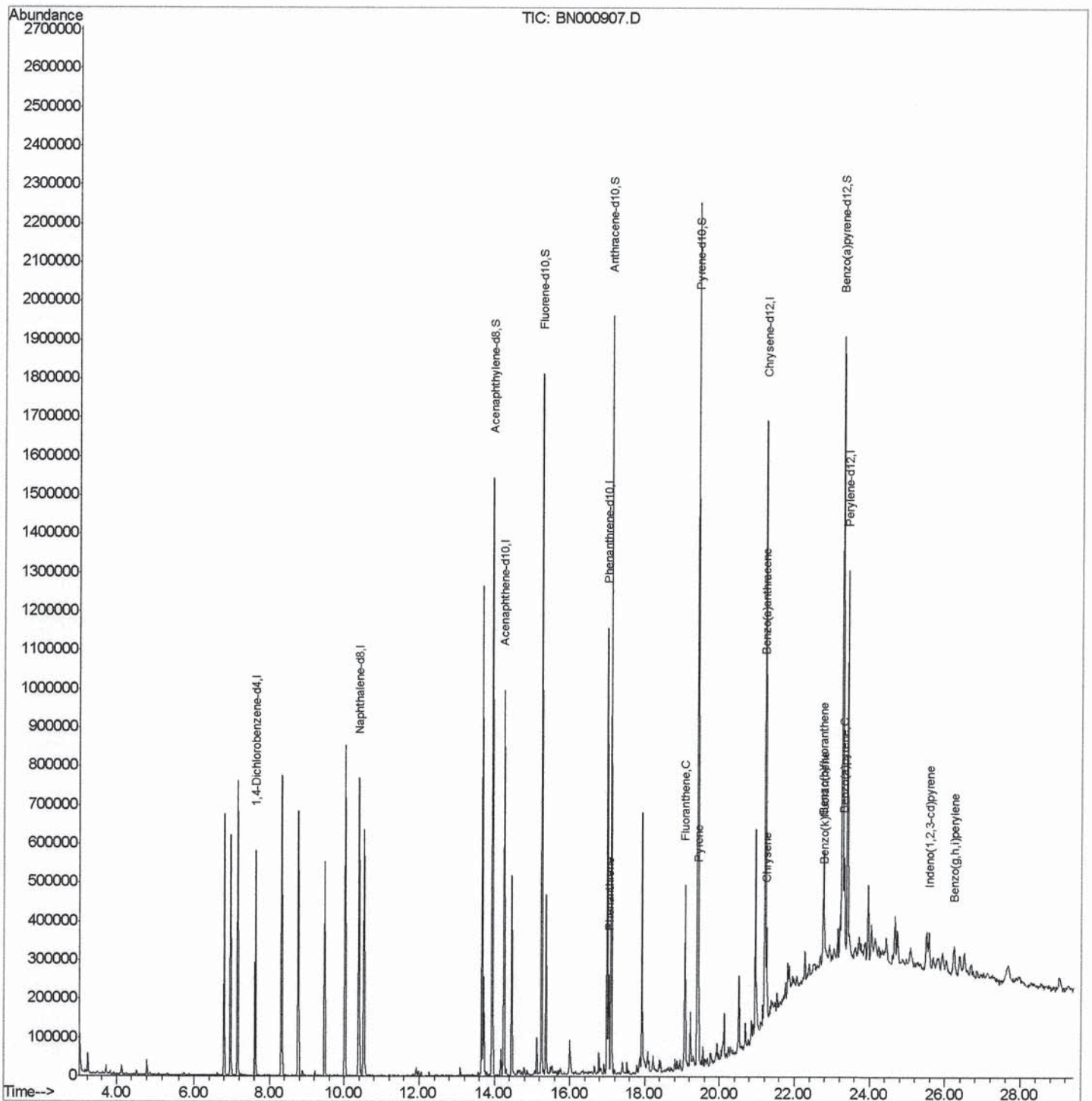
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	69798	2.104	ng/ul	100
16) Fluoranthene	19.06	202	140357	4.171	ng/ul#	92
19) Pyrene	19.43	202	126614	3.315	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	89236m	2.511	ng/ul	} JU 4/27/18
21) Chrysene	21.24	228	92921m	2.781	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	171317m	4.852	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	40491m	1.172	ng/ul	
26) Benzo(a)pyrene	23.30	252	101755	3.015	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.56	276	88208	2.164	ng/ul#	88
29) Benzo(a,h,i)perylene	26.23	276	77647	2.278	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000907.D
Acq On : 26 Apr 2018 00:27
Operator : JU/SJ
Sample : J2485-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

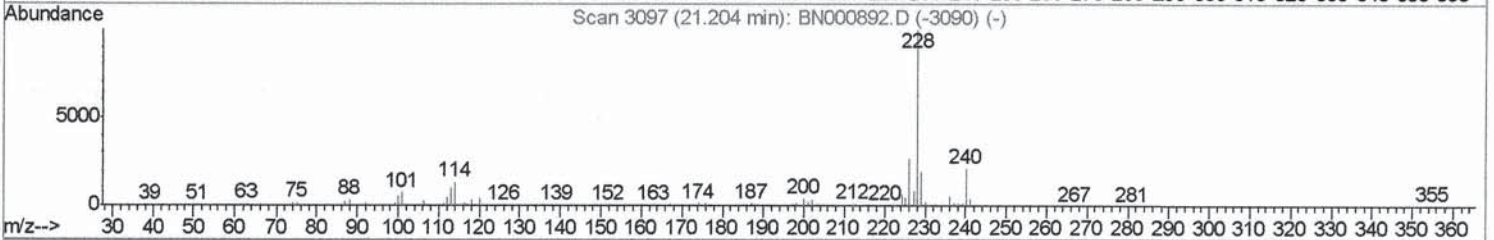
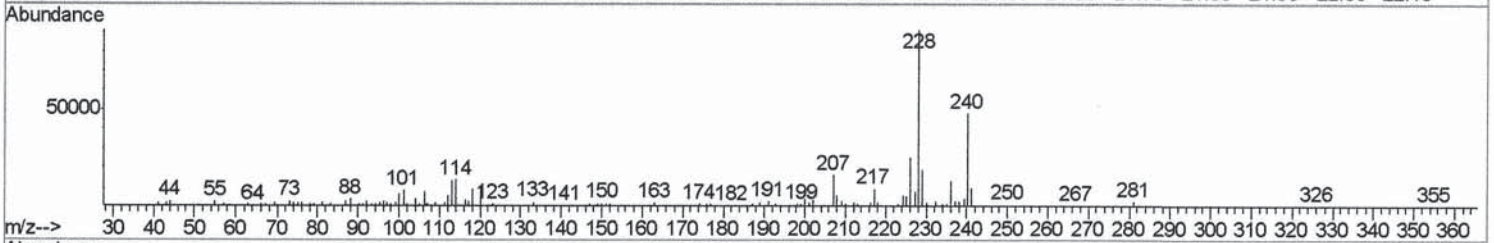
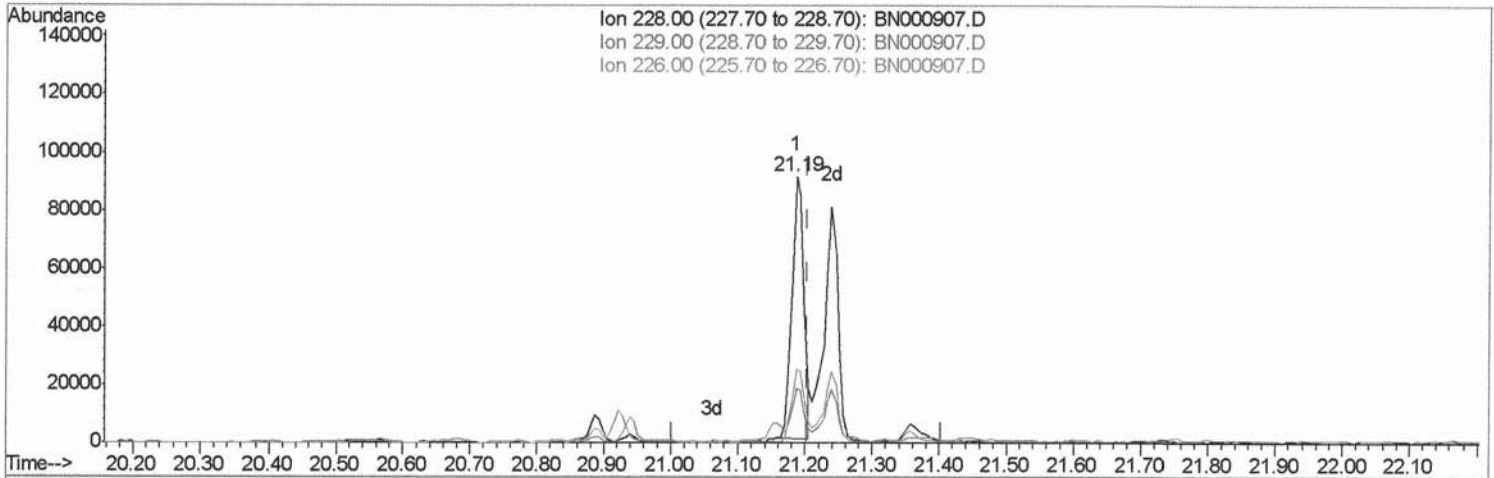
Quant Time: Apr 26 08:30:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(20) Benzo(a)anthracene

21.186min (-0.018) 3.15ng/ui

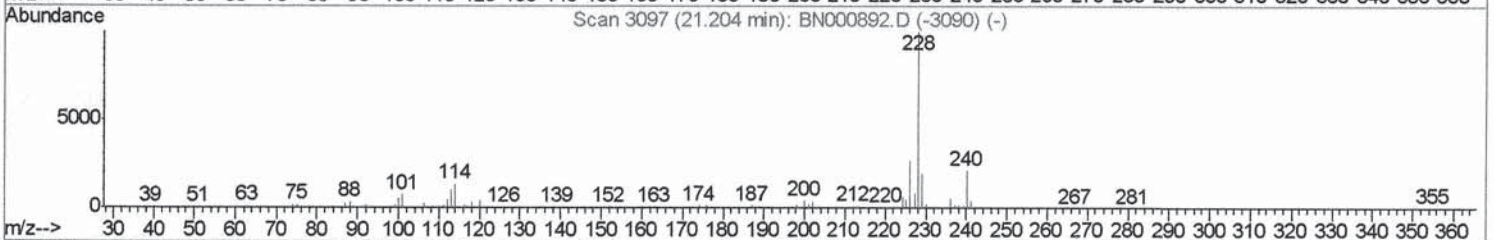
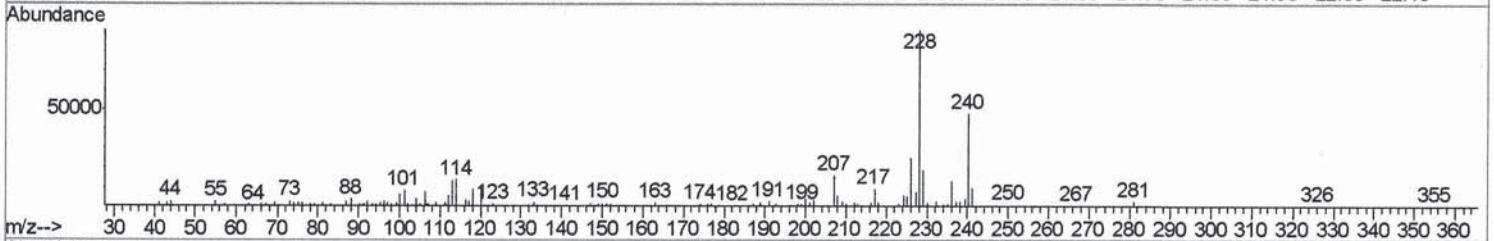
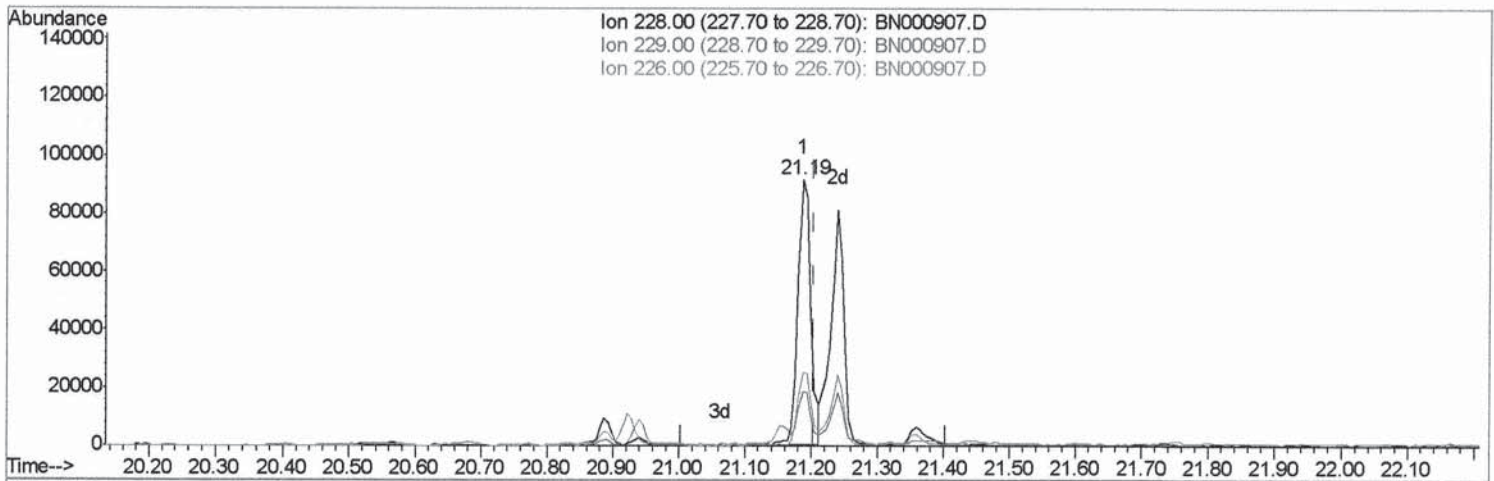
response 113053

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.62
226.00	26.40	27.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(20) Benzo(a)anthracene

21.186min (-0.018) 3.43ng/ul m

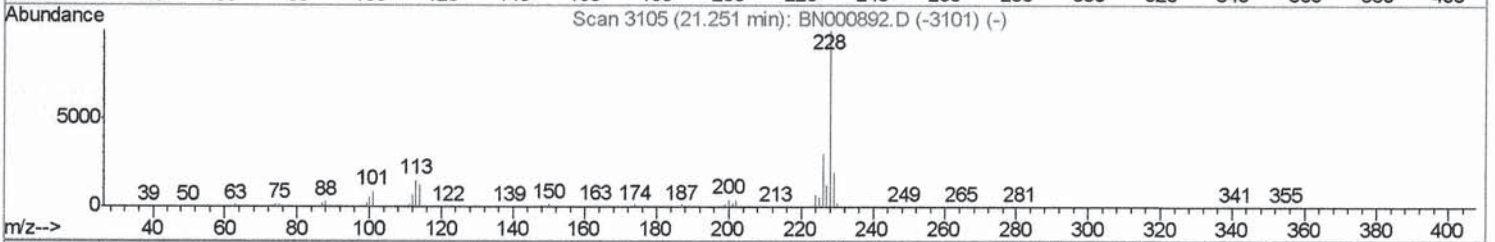
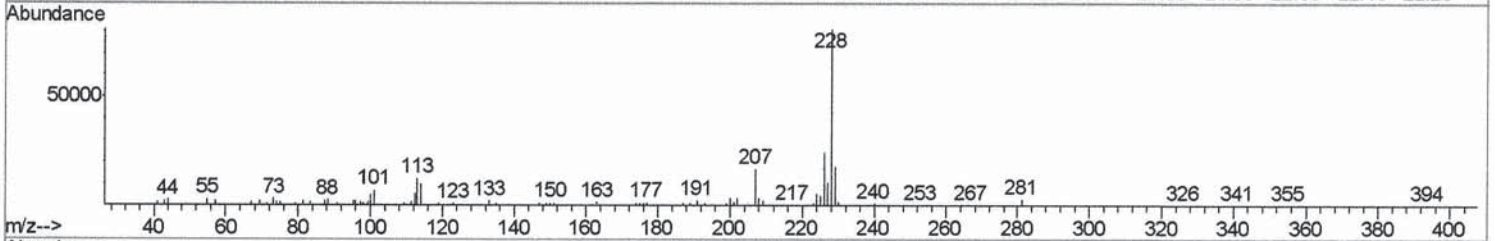
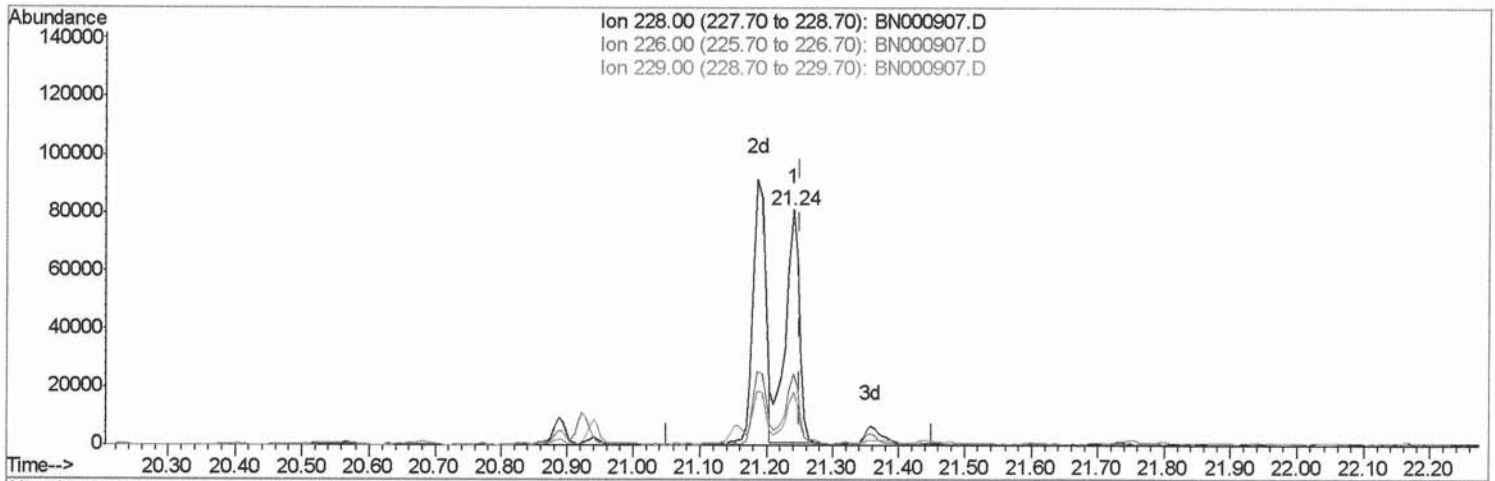
response 123025

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.62
226.00	26.40	27.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(21) Chrysene

21.239min (-0.012) 3.44ng/ul

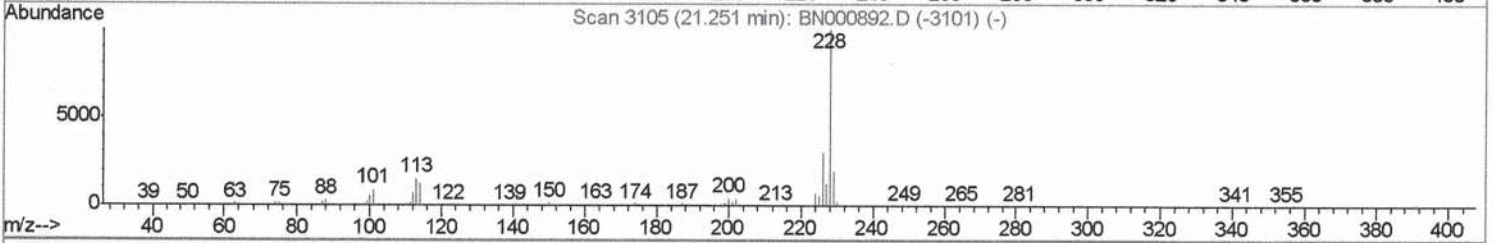
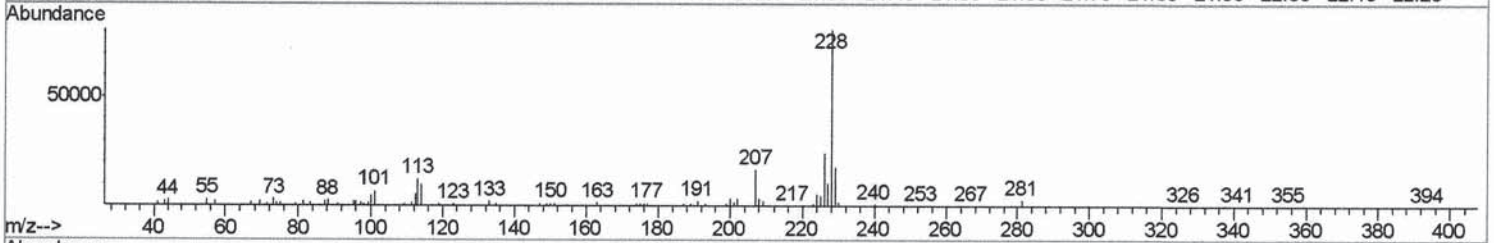
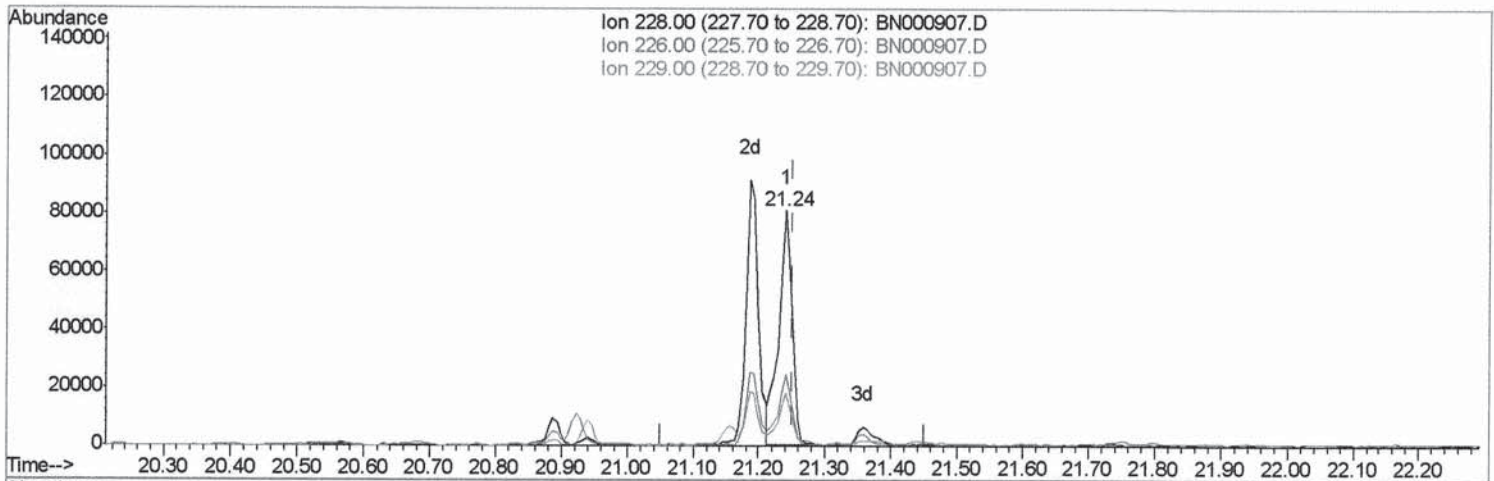
response 116218

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.35
229.00	19.80	22.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(21) Chrysene

21.239min (-0.012) 3.37ng/ul

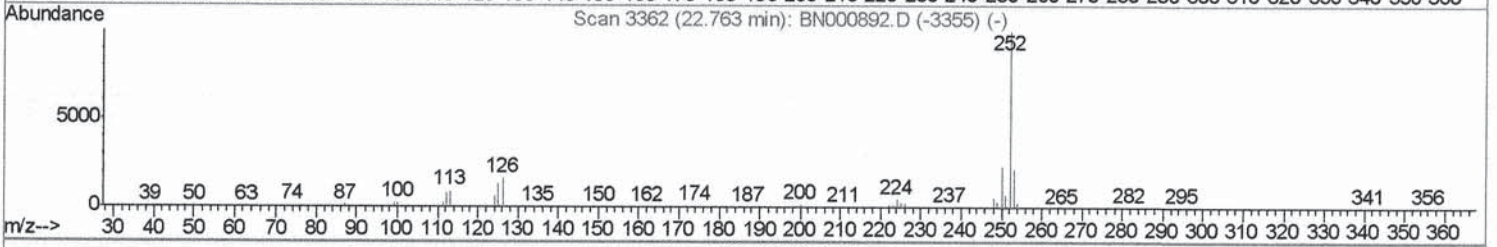
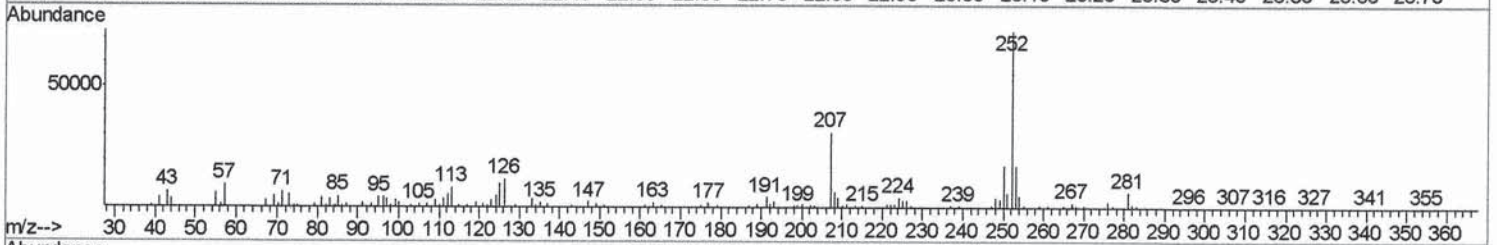
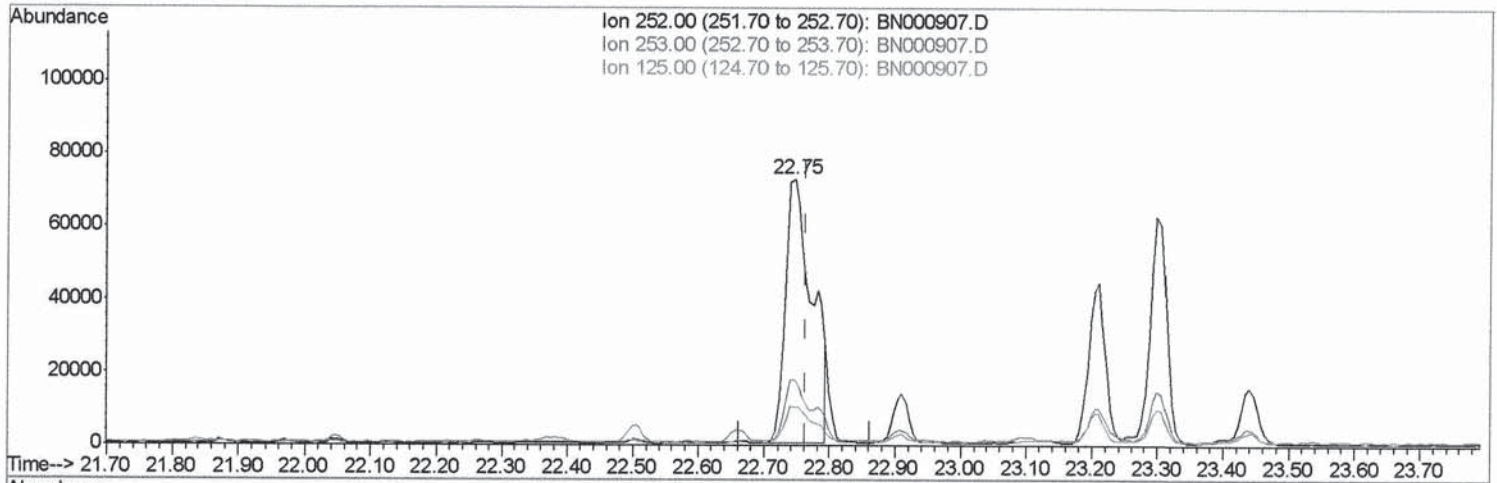
response 113599

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.35
229.00	19.80	22.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 5.89ng/ui

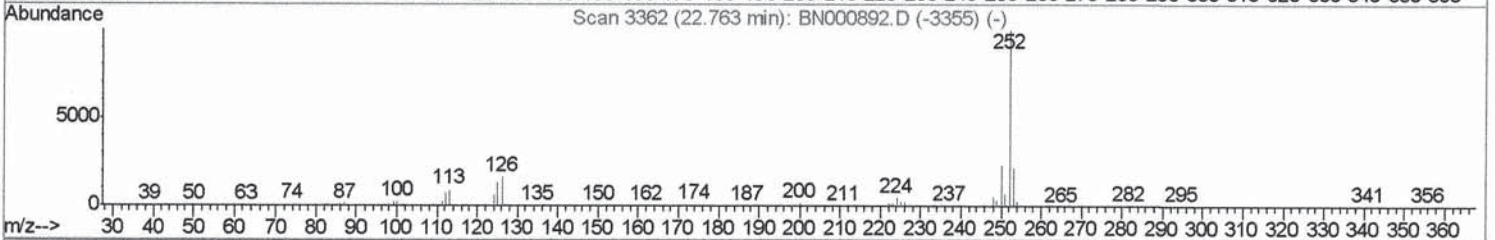
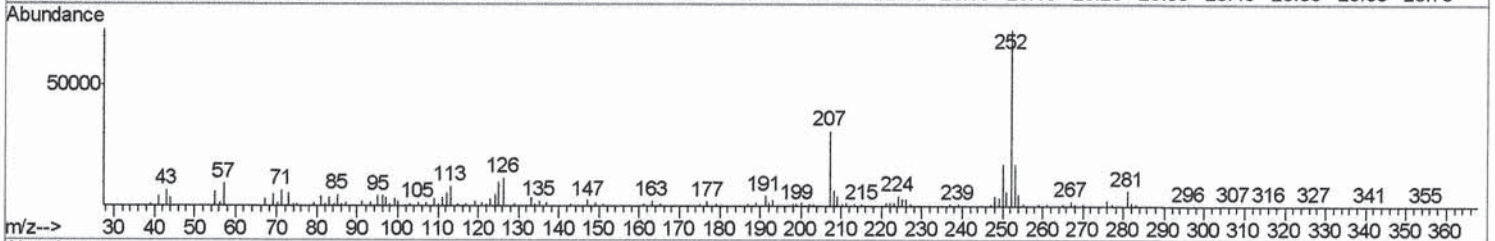
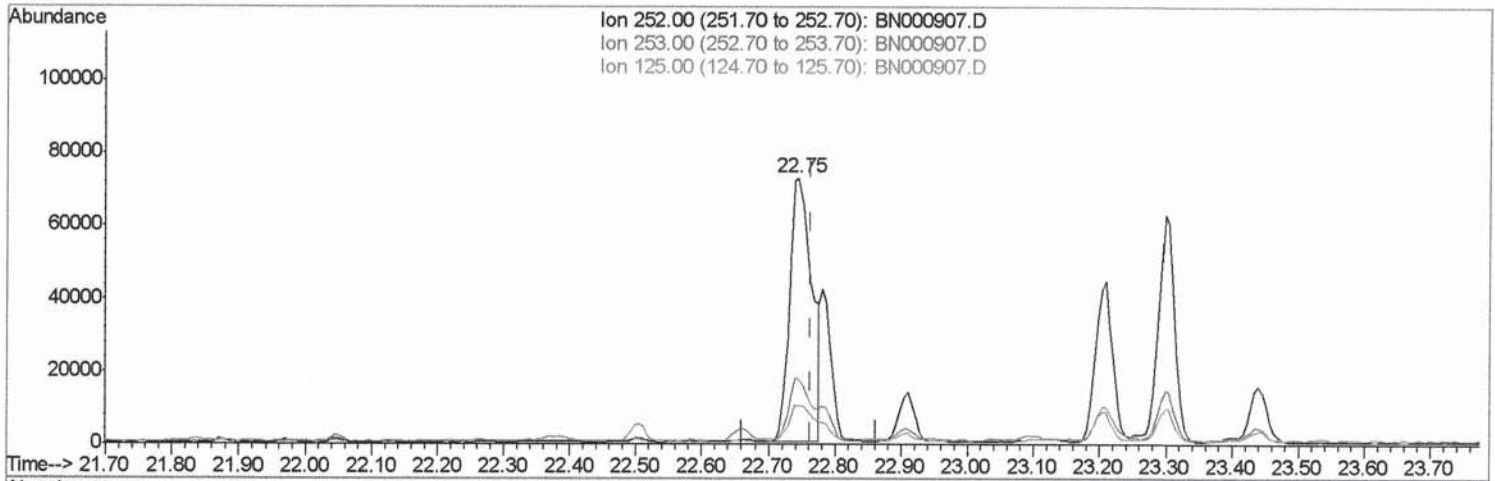
response 207224

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.38
125.00	10.00	14.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 4.83ng/ul m

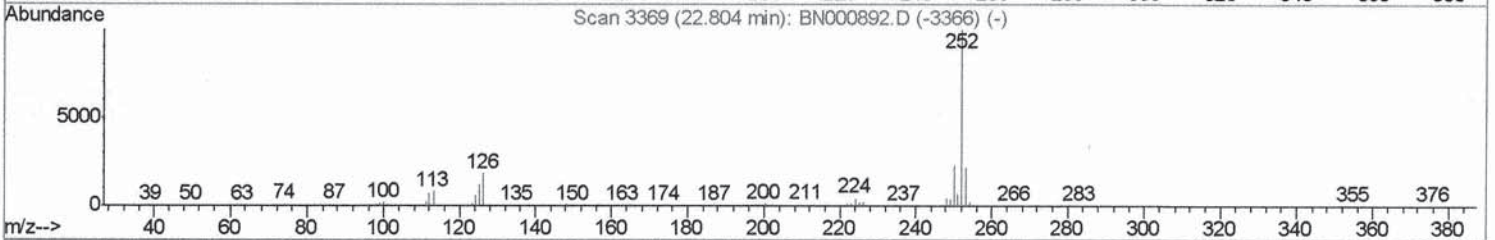
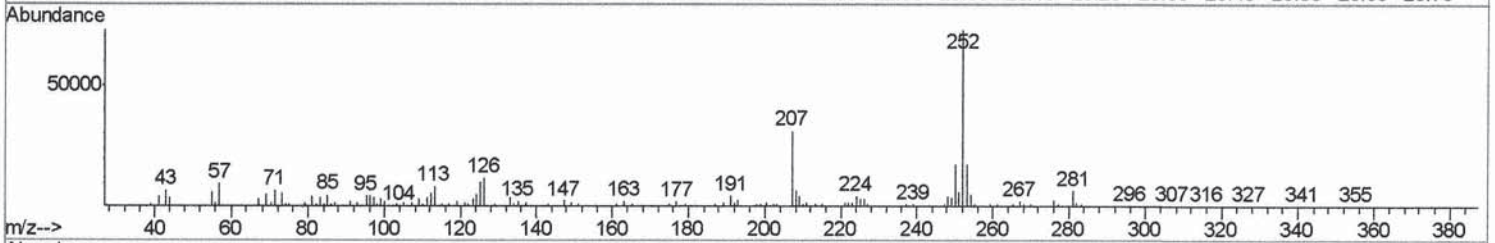
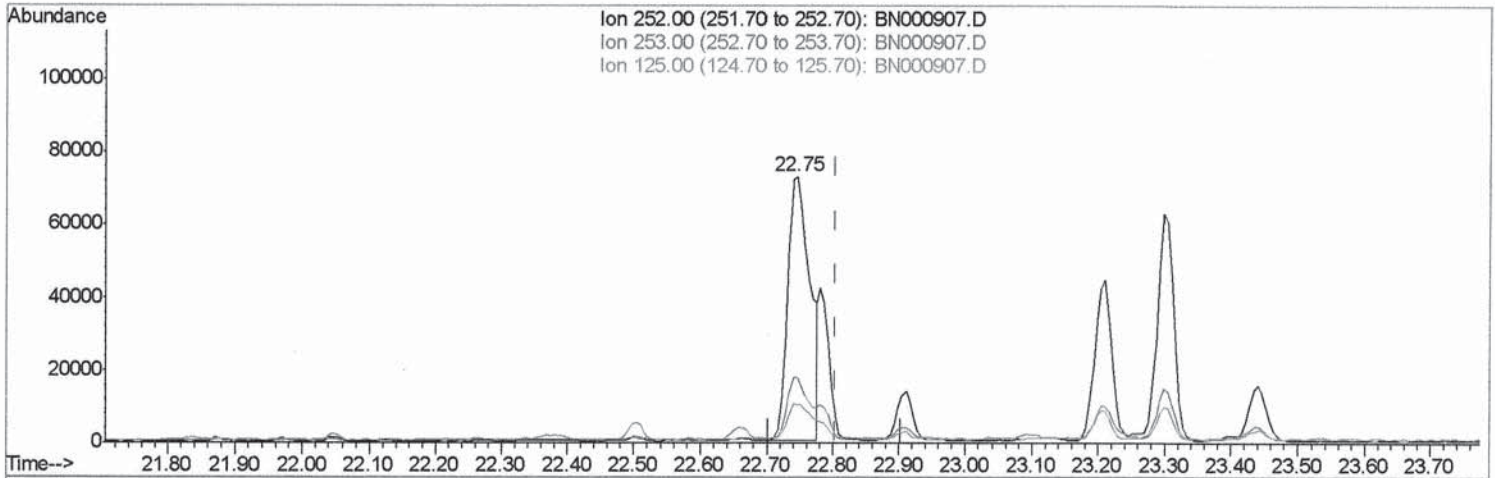
response 169679

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.38
125.00	10.00	14.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 4.92ng/ul

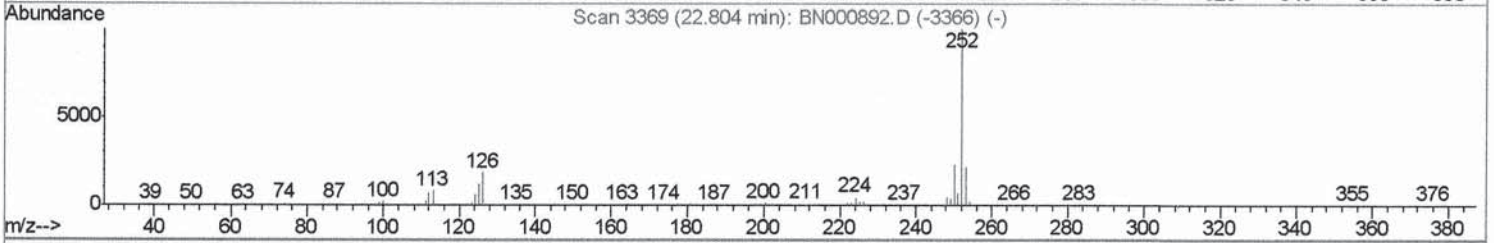
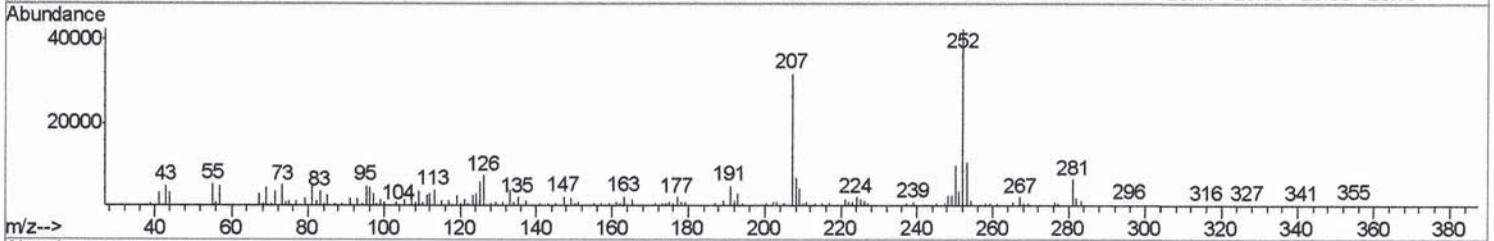
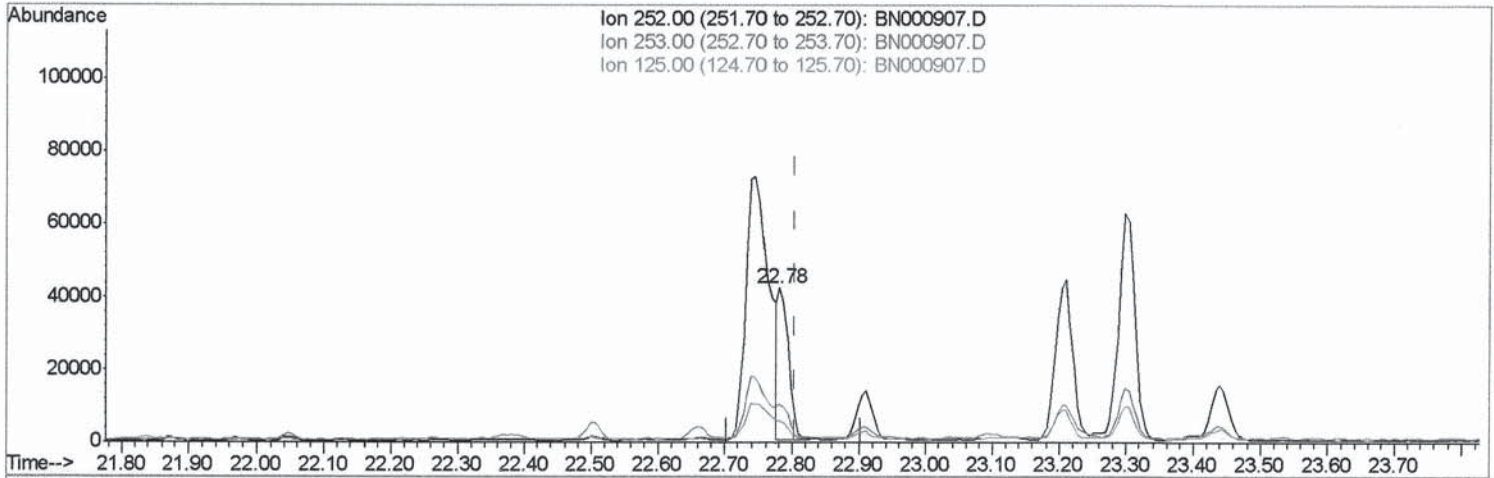
response 169432

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.38
125.00	10.10	14.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000907.D

(24) Benzo(k)fluoranthene

22.780min (-0.023) 1.34ng/ul m

response 46225

Ion Exp% Act%

252.00 100 100

253.00 22.50 25.33

125.00 10.10 14.10#

0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000907.D
 Acq On : 26 Apr 2018 00:27
 Operator : JU/SJ
 Sample : J2485-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 08:30:00 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	146126	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	602674	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	300270	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	614126	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	600627	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	618667	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	967459	33.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	664169	34.50	ng/ul	0.00
14) Anthracene-d10	17.10	188	978463	34.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	1027618	33.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1099171	37.61	ng/ul	-0.01

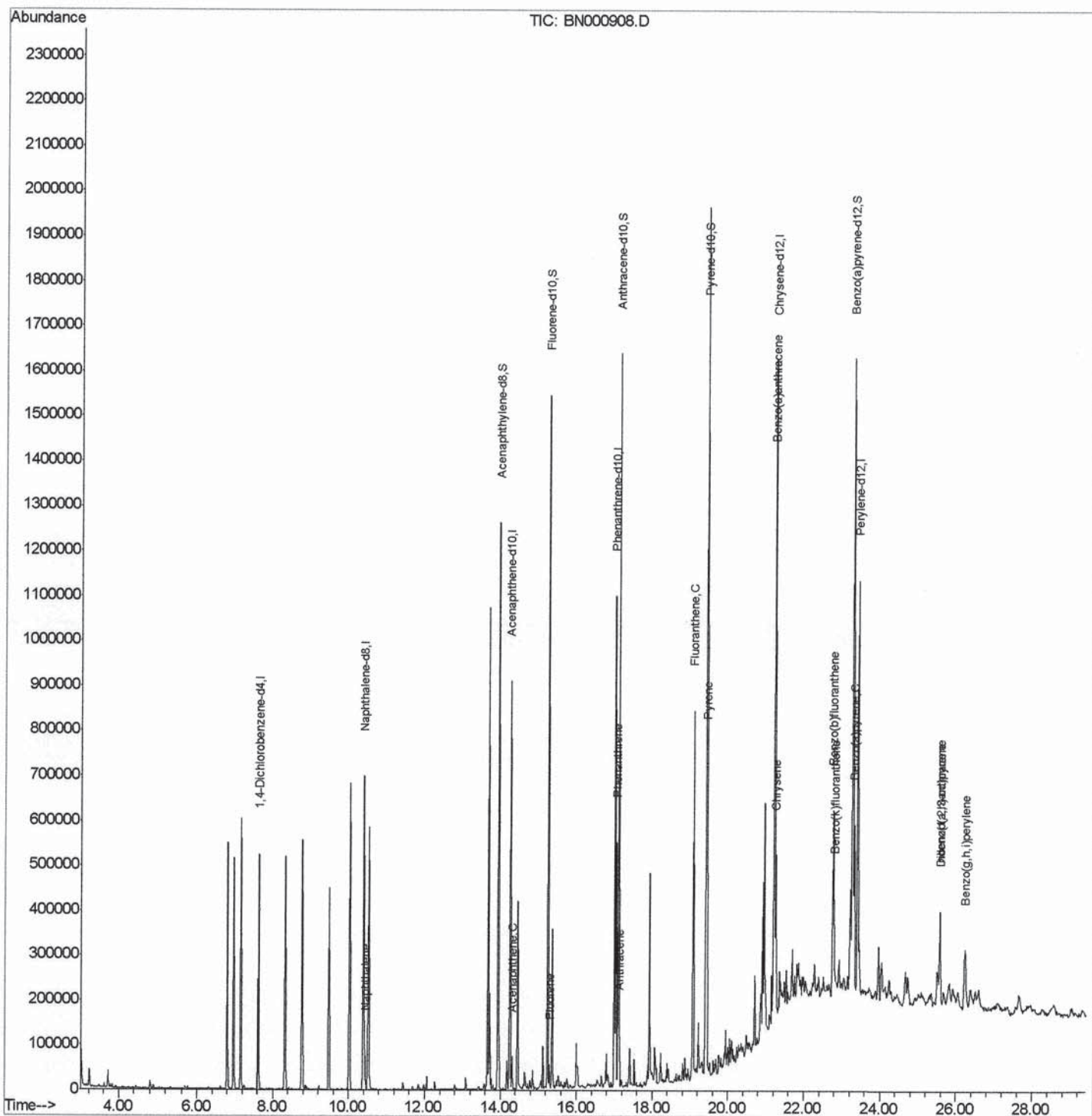
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	136400	4.072	ng/ul	99
16) Fluoranthene	19.06	202	242123	7.125	ng/ul#	92
19) Pyrene	19.43	202	199001	5.158	ng/ul#	87
20) Benzo(a)anthracene	21.19	228	123025m	3.426	ng/ul	} JU04/27/18
21) Chrysene	21.24	228	113599m	3.366	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	169679m	4.826	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	46225m	1.344	ng/ul	
26) Benzo(a)pyrene	23.30	252	105960	3.153	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	77263	1.904	ng/ul#	86
29) Benzo(g,h,i)perylene	26.23	276	66835	1.969	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000908.D
Acq On : 26 Apr 2018 01:02
Operator : JU/SJ
Sample : J2485-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

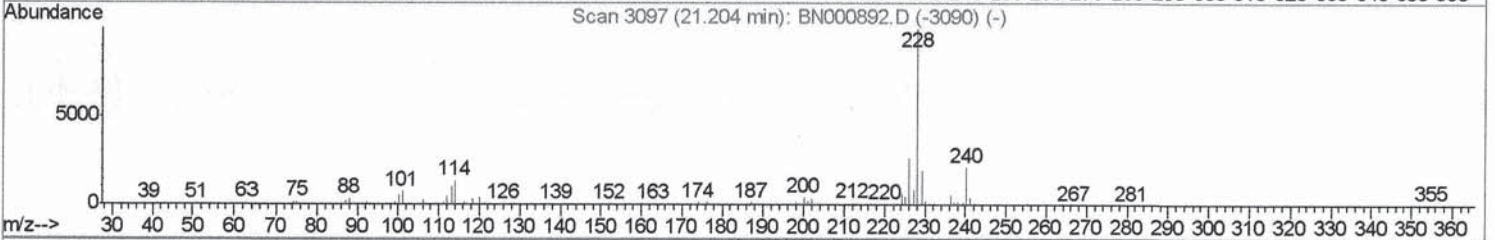
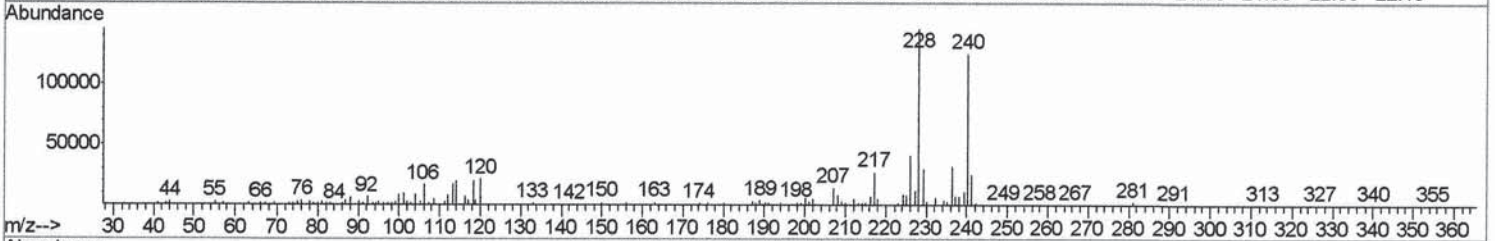
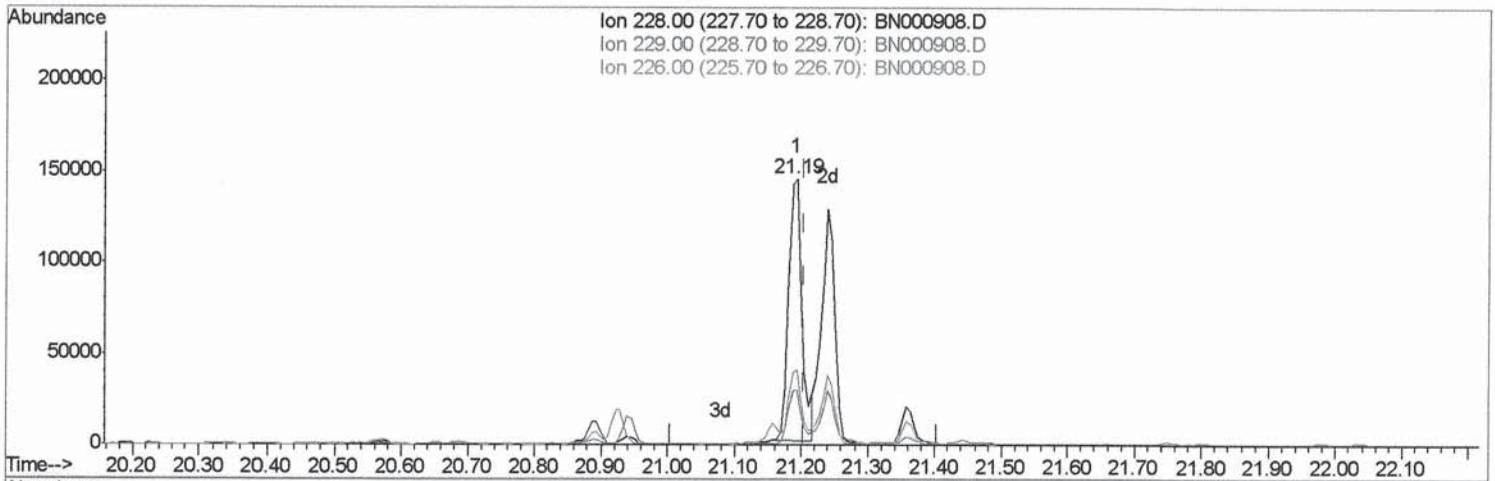
Quant Time: Apr 26 08:32:44 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(20) Benzo(a)anthracene

21.192min (-0.012) 6.25ng/ul

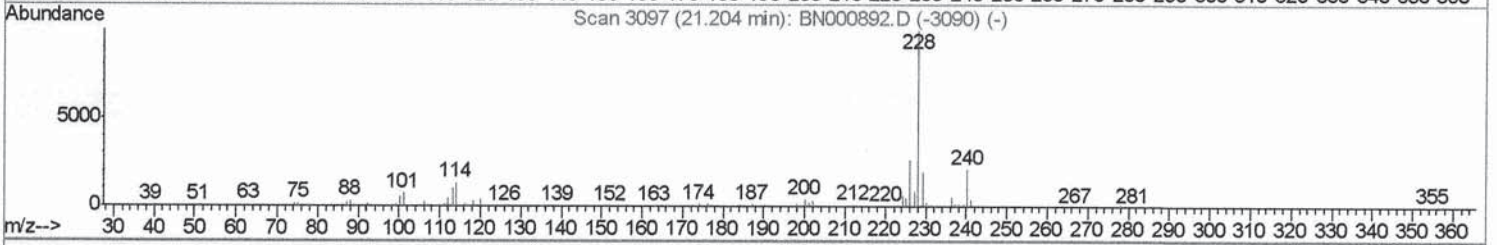
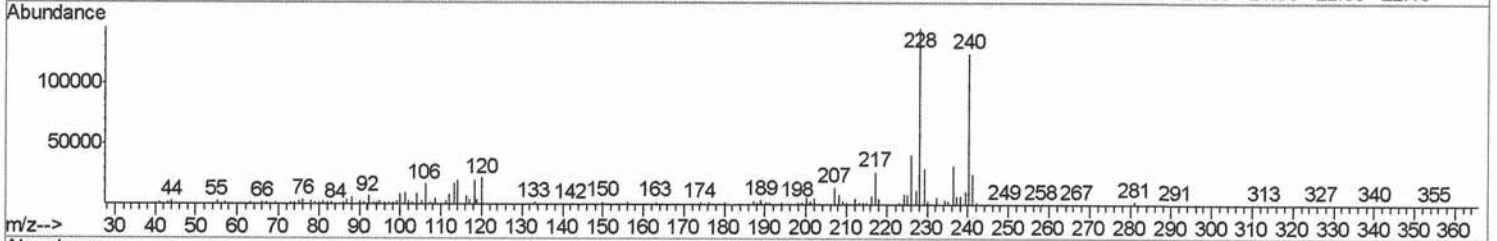
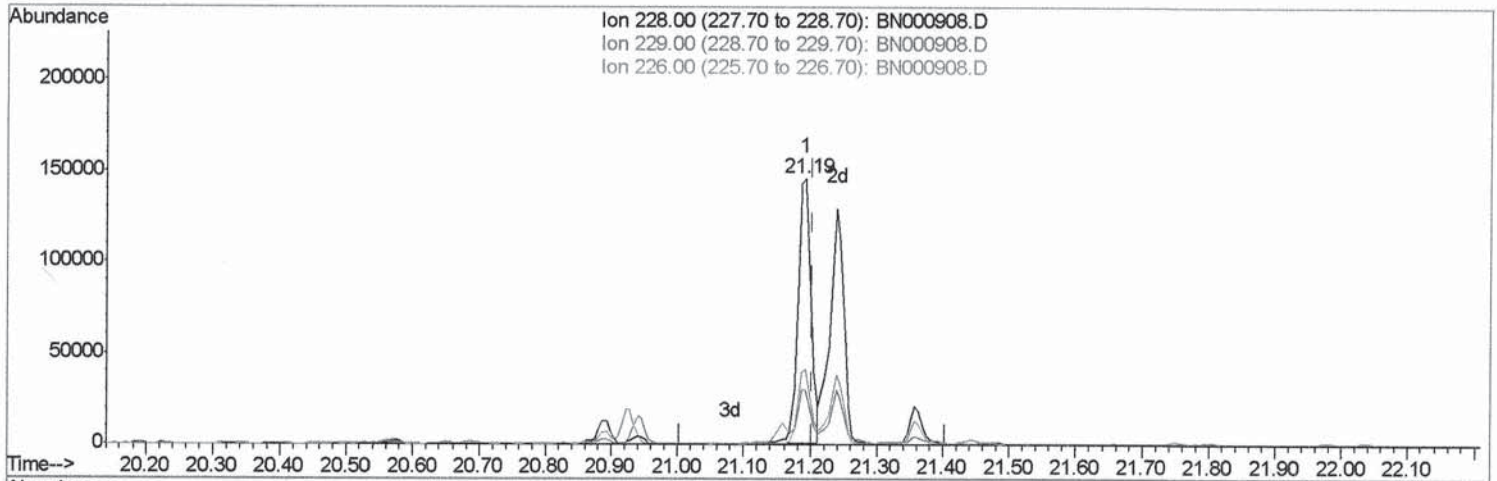
response 201394

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.49
226.00	26.40	28.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(20) Benzo(a)anthracene

21.192min (-0.012) 6.21ng/ul m

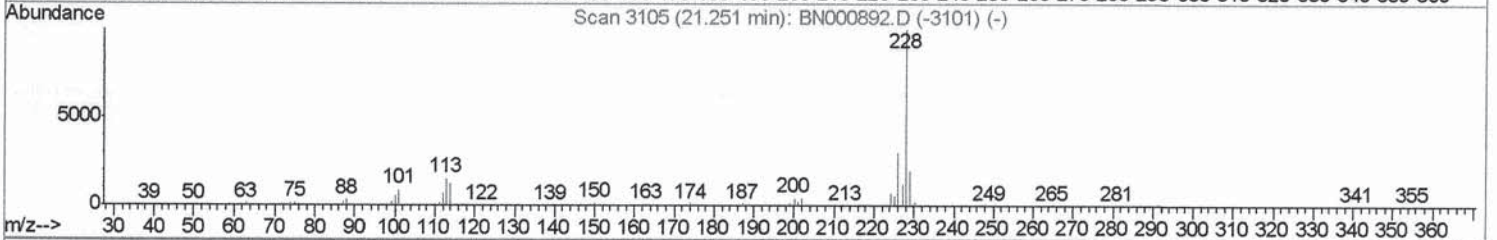
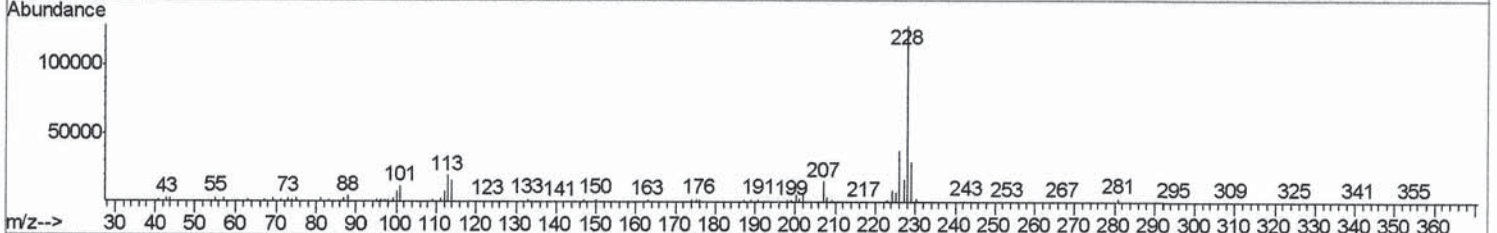
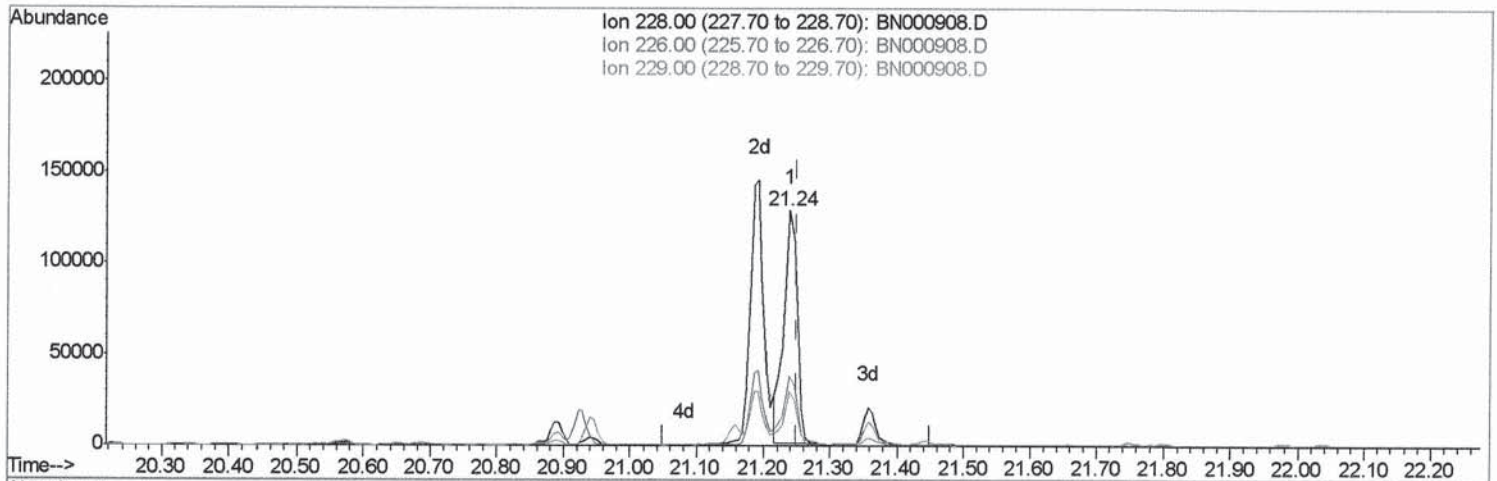
response 200014

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.49
226.00	26.40	28.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(21) Chrysene

21.239min (-0.012) 5.84ng/ul

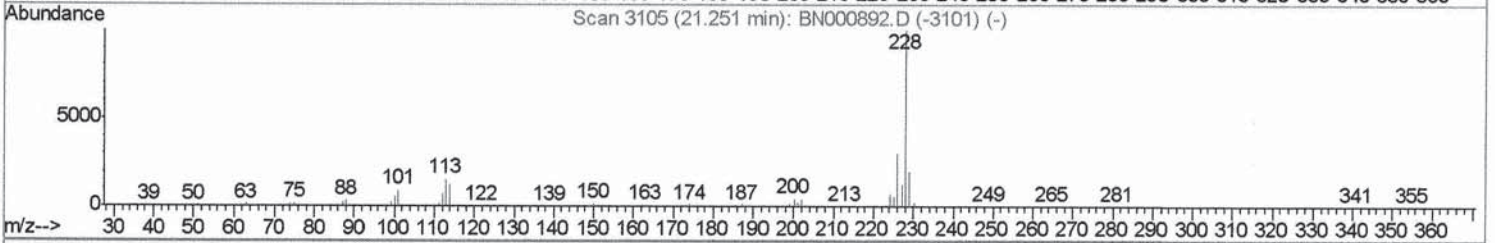
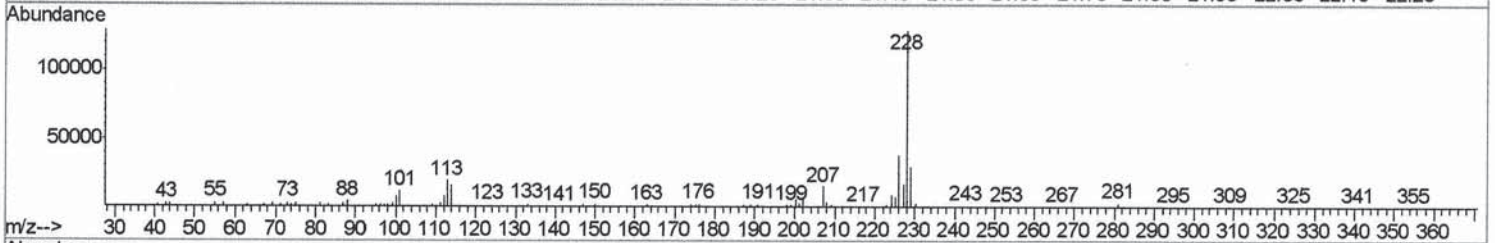
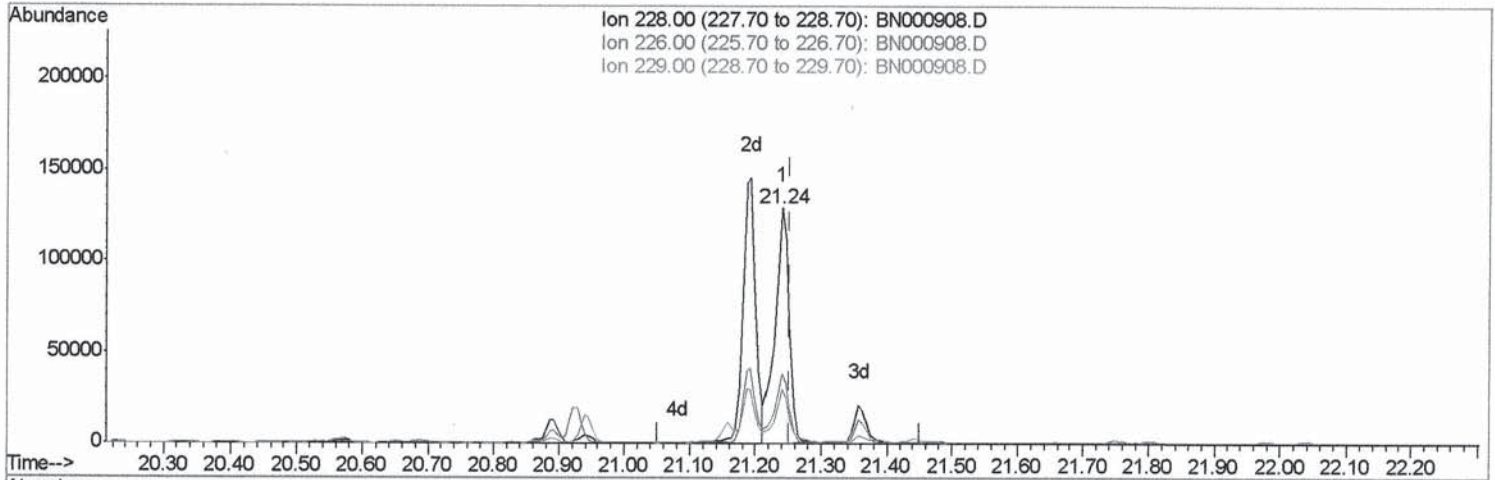
response 176883

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.94
229.00	19.80	22.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(21) Chrysene

21.239min (-0.012) 6.31ng/ul m

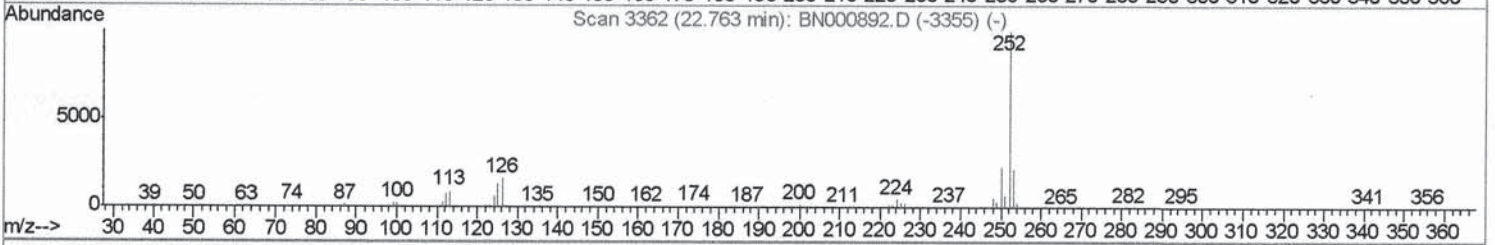
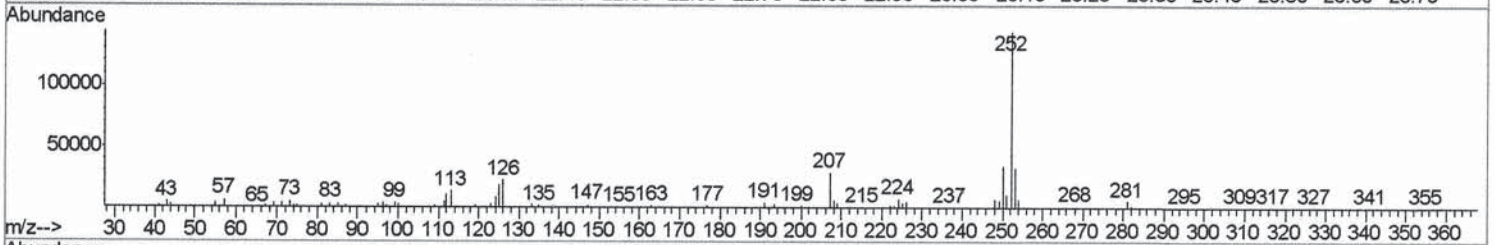
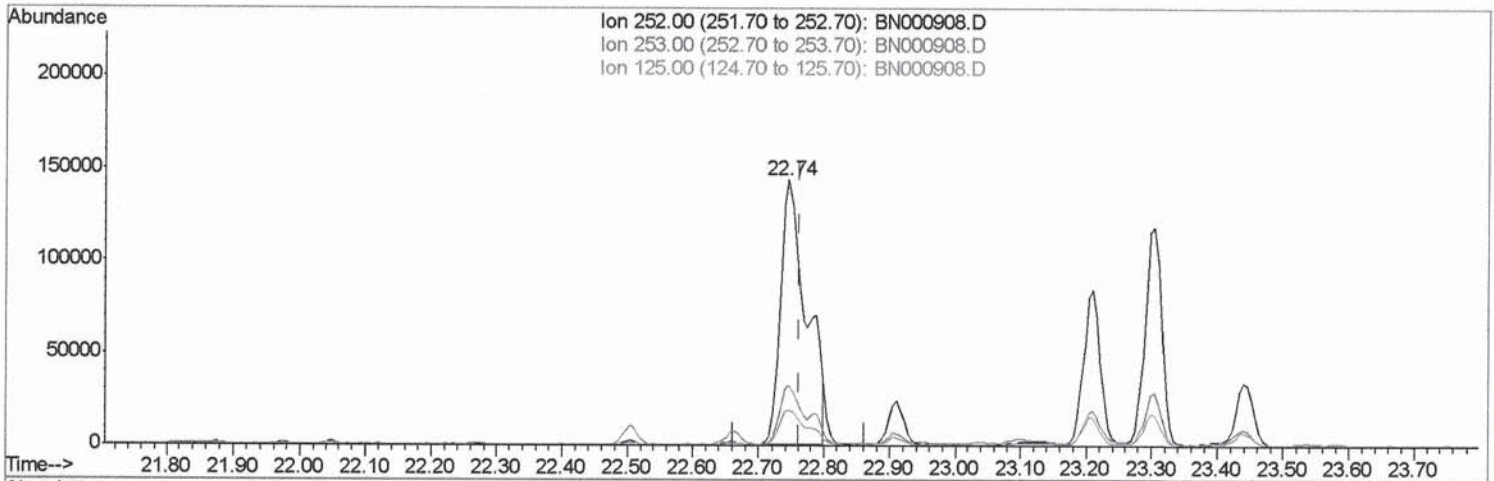
response 191157

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.94
229.00	19.80	22.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 12.00ng/ui

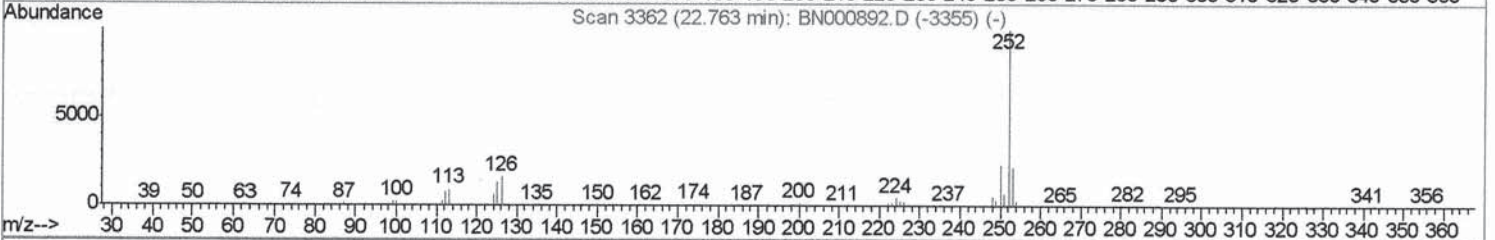
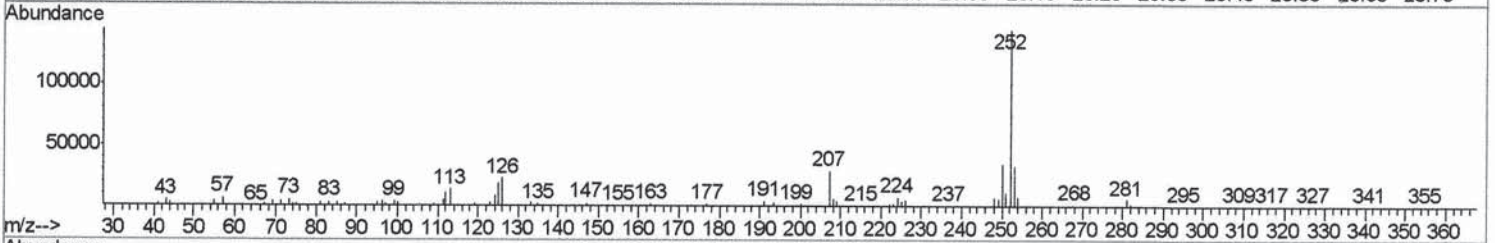
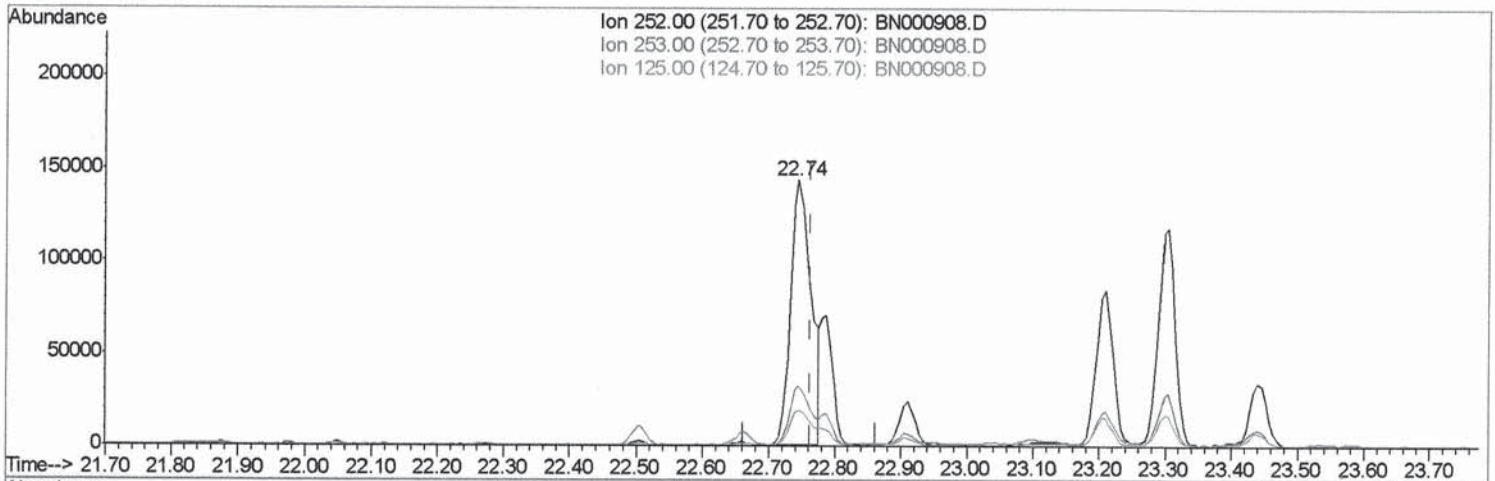
response 389714

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.69
125.00	10.00	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(23) Benzo(b)fluoranthene

22.745min (-0.018) 9.54ng/ul m

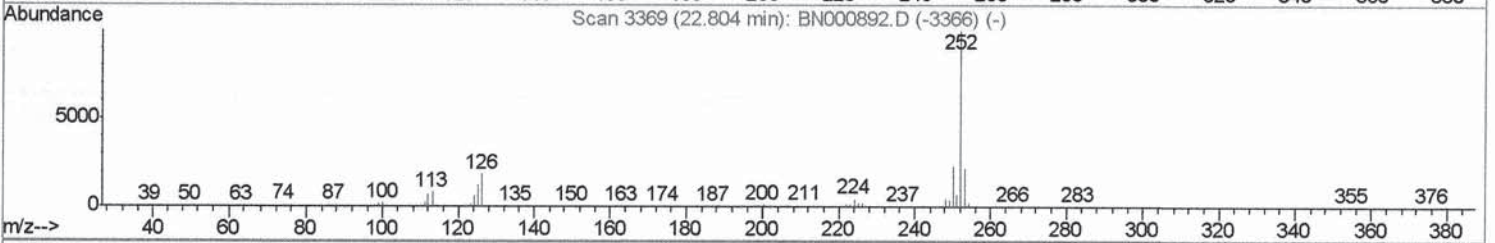
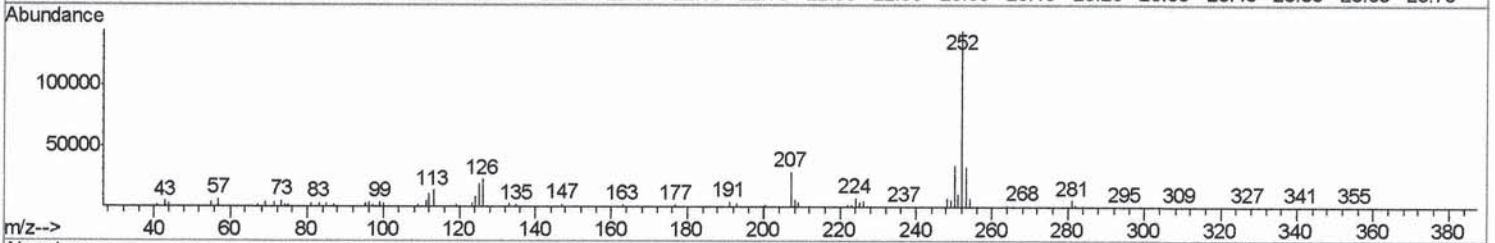
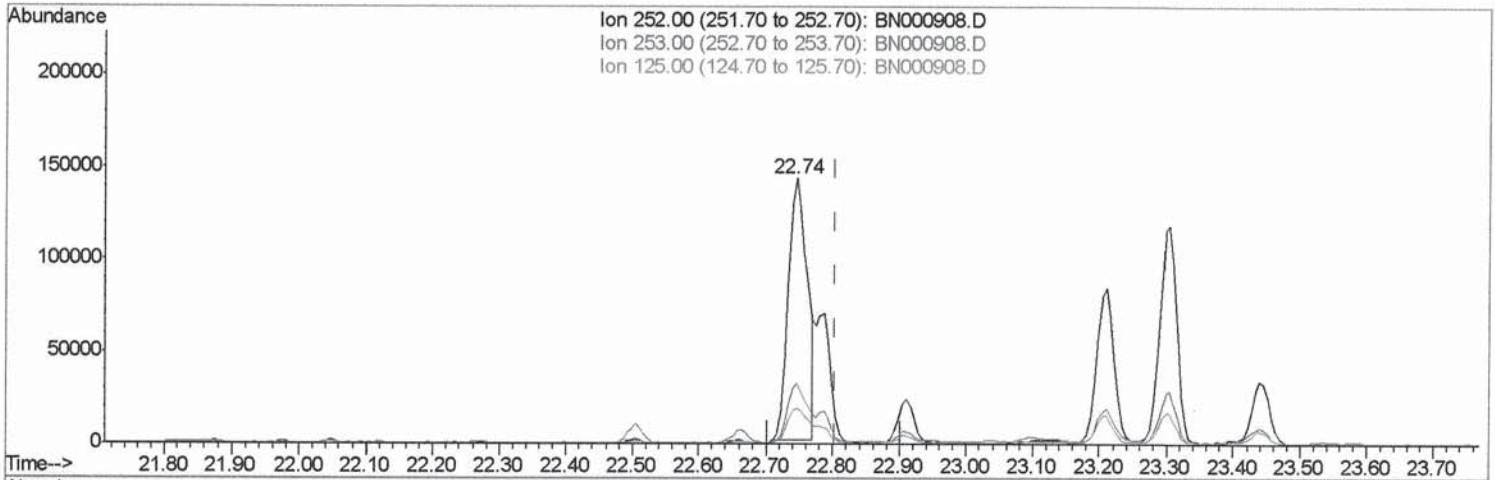
response 309943

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.69
125.00	10.00	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(24) Benzo(k)fluoranthene

22.745min (-0.059) 8.89ng/ui

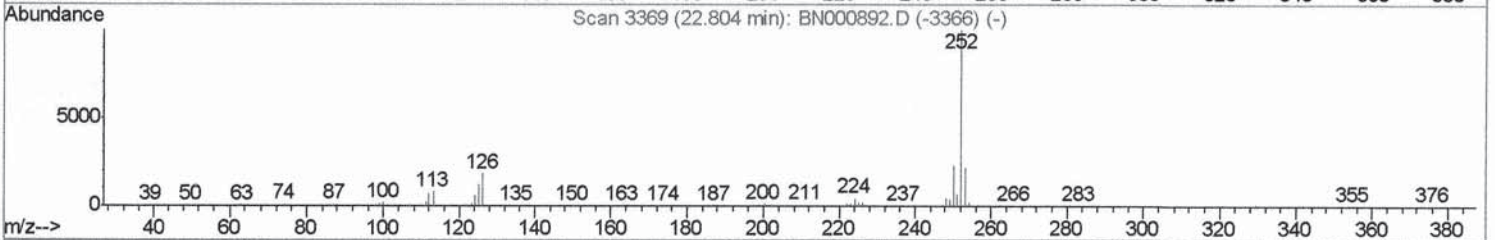
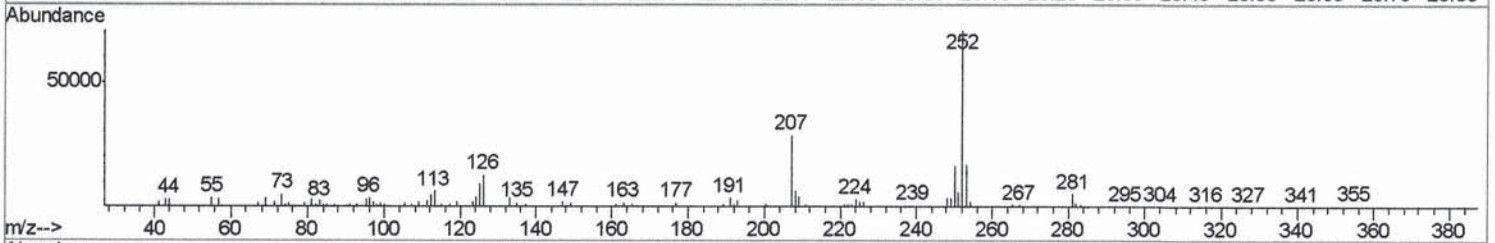
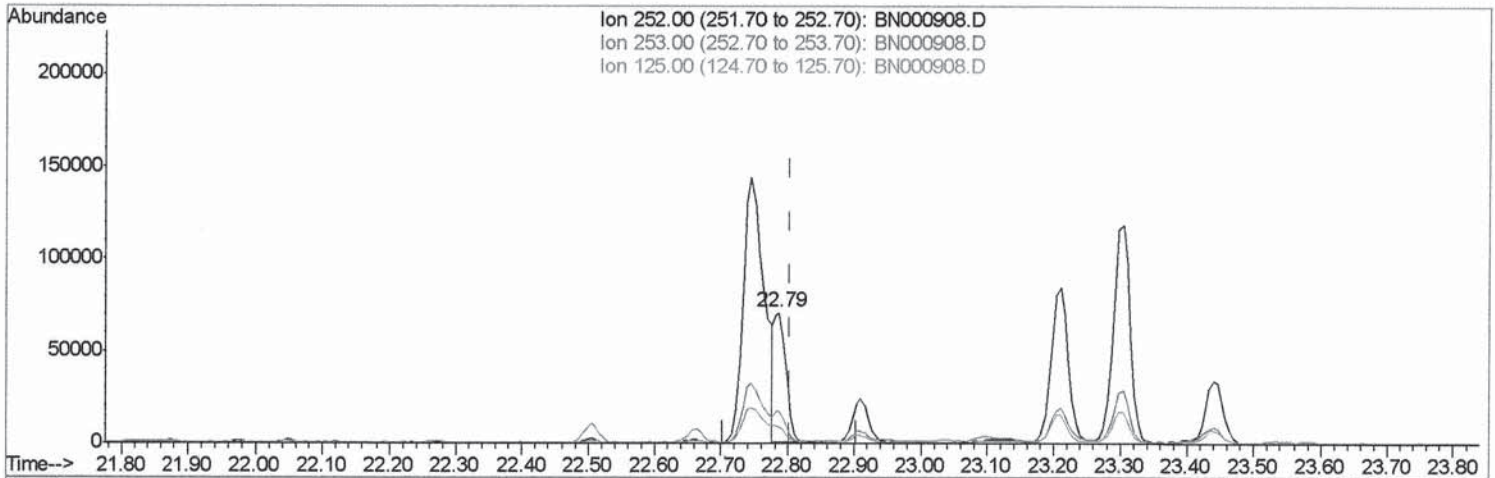
response 282617

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.69
125.00	10.10	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000908.D

(24) Benzo(k)fluoranthene

22.786min (-0.018) 2.77ng/ul m

response 88009

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.10	13.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000908.D
 Acq On : 26 Apr 2018 01:02
 Operator : JU/SJ
 Sample : J2485-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 08:32:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	129170	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	548987	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	275259	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	569546	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	538899	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	571599	20.00	ng/ul	-0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	806990	30.53	ng/ul	0.00
10) Fluorene-d10	15.25	176	557211	31.58	ng/ul	0.00
14) Anthracene-d10	17.10	188	812240	31.19	ng/ul	0.00
18) Pyrene-d10	19.40	212	859579	31.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	927584	34.35	ng/ul	-0.02

Target Compounds

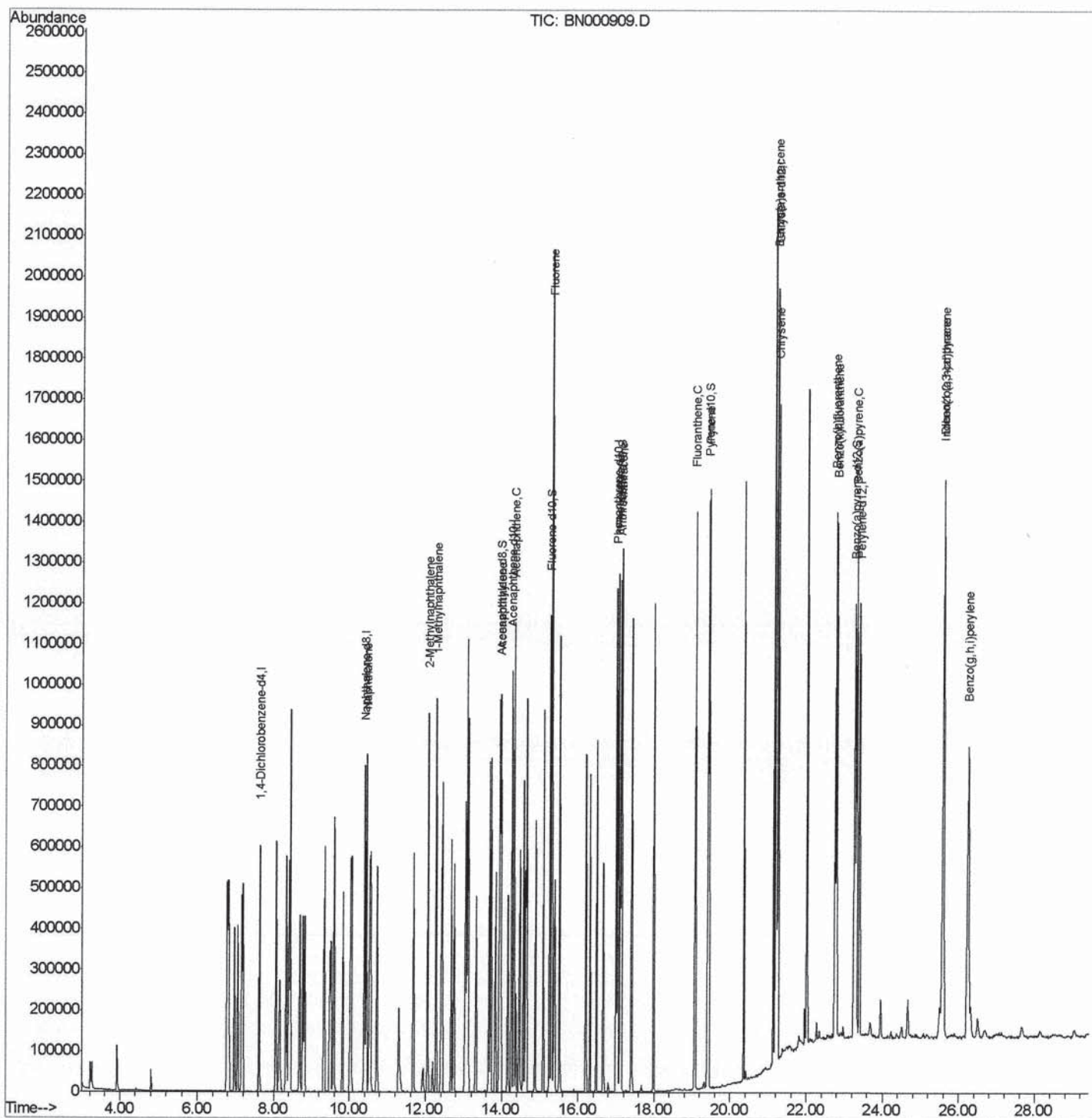
Ovalue

3) Naphthalene	10.43	128	62586	2.262	ng/ul	99
9) Acenaphthene	14.32	153	27703	1.532	ng/ul	95
11) Fluorene	15.30	166	20673	1.074	ng/ul	93
13) Phenanthrene	17.04	178	298669	9.615	ng/ul	100
15) Anthracene	17.13	178	60553	1.943	ng/ul	99
16) Fluoranthene	19.07	202	443689	14.078	ng/ul	96
19) Pyrene	19.43	202	371368	10.729	ng/ul#	92
20) Benzo(a)anthracene	21.19	228	200014m	6.209	ng/ul	} JU 04/27/18
21) Chrysene	21.24	228	191157m	6.313	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	309943m	9.541	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	88009m	2.769	ng/ul	
26) Benzo(a)pyrene	23.30	252	207071	6.670	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.56	276	164950	4.399	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.57	278	38698	1.238	ng/ul#	81
29) Benzo(a,h,i)perylene	26.23	276	145338	4.634	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000909.D
Acq On : 26 Apr 2018 01:37
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

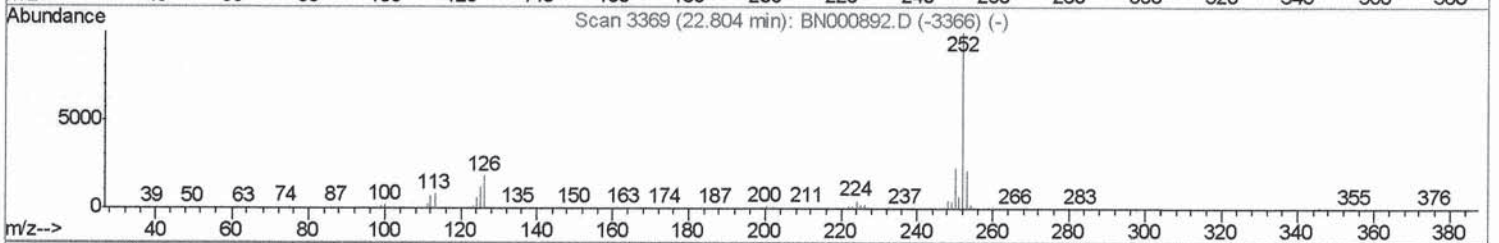
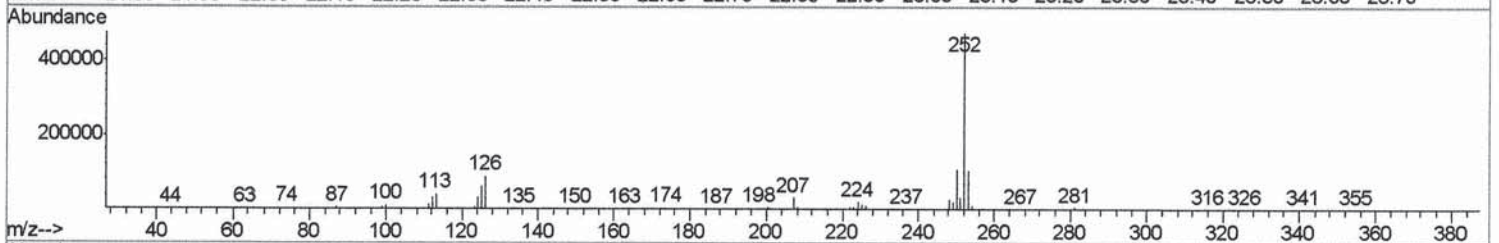
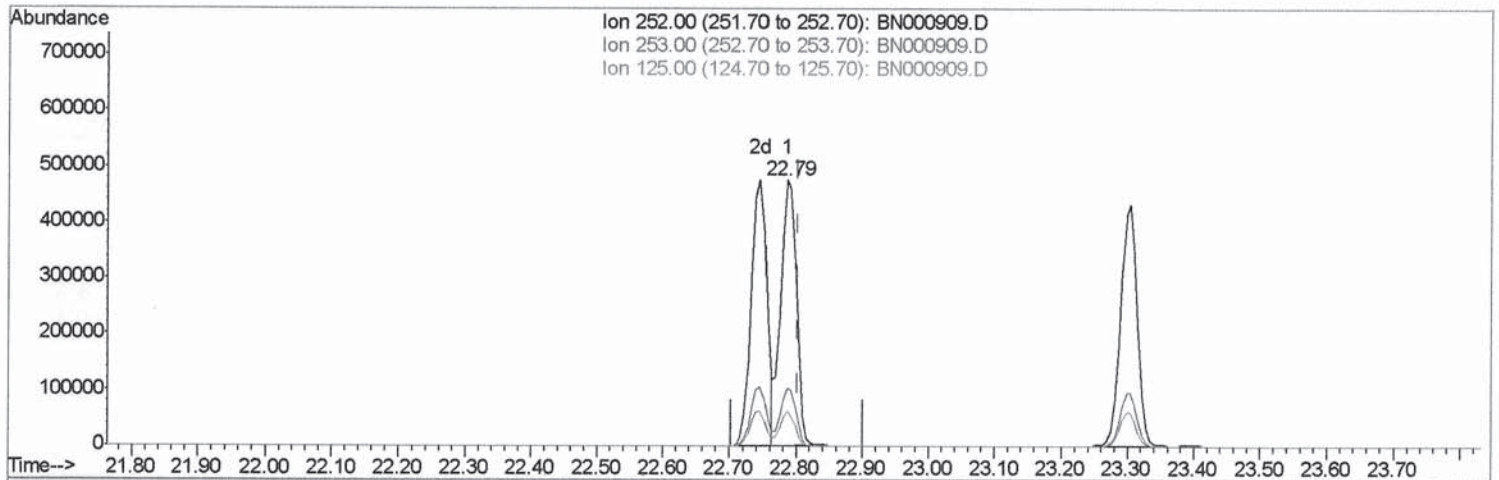
Quant Time: Apr 26 08:35:08 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 07:55:11 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000909.D
 Acq On : 26 Apr 2018 01:37
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 08:01:21 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000909.D

(24) Benzo(k)fluoranthene

22.786min (-0.018) 20.70ng/ul

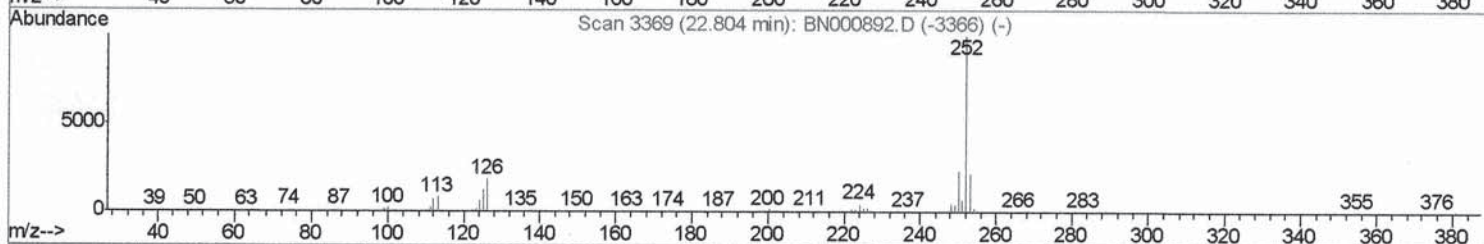
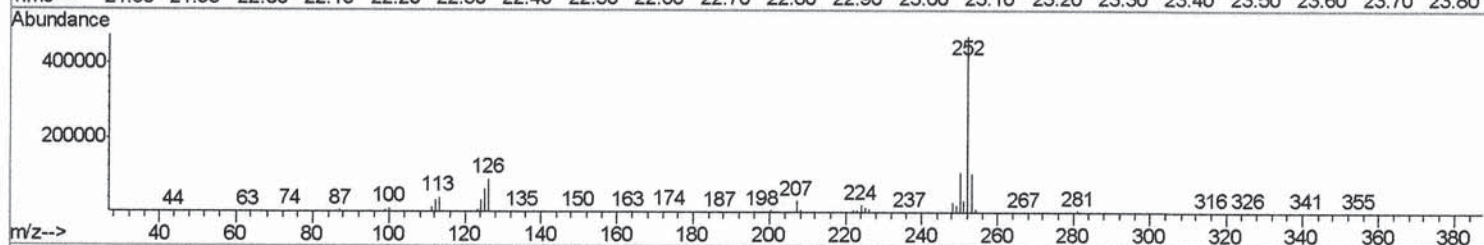
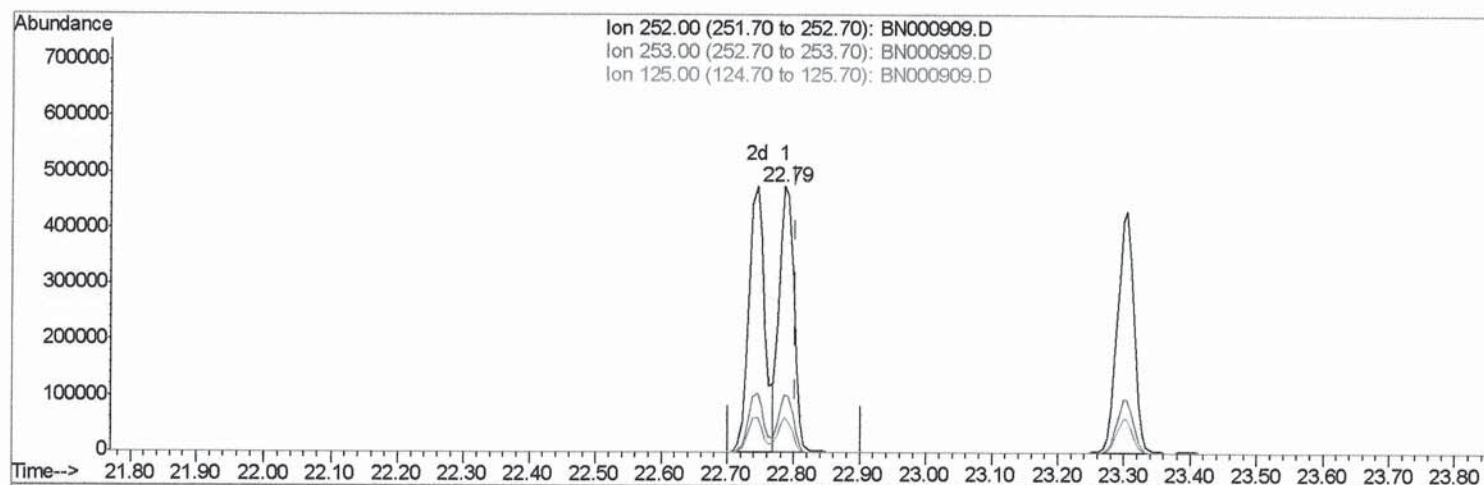
response 773881

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.90
125.00	10.10	13.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000909.D
 Acq On : 26 Apr 2018 01:37
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 08:01:21 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration



TIC: BN000909.D

(24) Benzo(k)fluoranthene

22.786min (-0.018) 19.71ng/ul m

response 736868

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.90
125.00	10.10	13.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000909.D
 Acq On : 26 Apr 2018 01:37
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

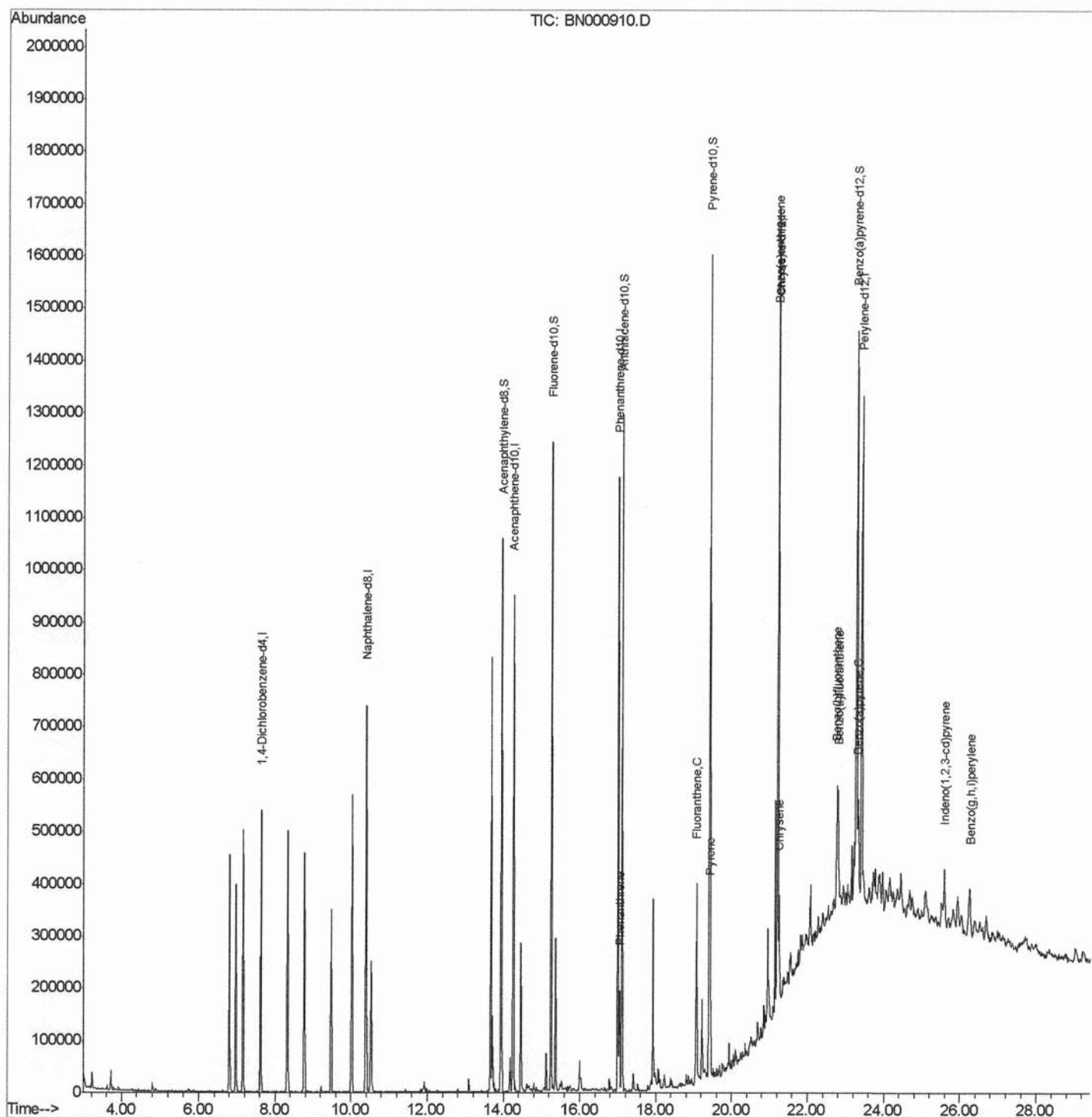
Quant Time: Apr 26 08:35:08 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	151364	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	629789	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	324294	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	661508	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	635278	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	672179	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	660256	21.20	ng/ul	0.00
10) Fluorene-d10	15.25	176	429566	20.66	ng/ul	0.00
14) Anthracene-d10	17.10	188	635381	21.00	ng/ul	0.00
18) Pyrene-d10	19.40	212	661390	20.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	672985	21.19	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	650812	20.504	ng/ul	100
4) 2-Methylnaphthalene	12.05	142	431462	20.374	ng/ul	98
5) 1-Methylnaphthalene	12.27	142	430442	20.723	ng/ul#	92
8) Acenaphthylene	13.97	152	643373	20.871	ng/ul	99
9) Acenaphthene	14.32	153	433879	20.372	ng/ul	95
11) Fluorene	15.30	166	475017	20.951	ng/ul	94
13) Phenanthrene	17.05	178	730236	20.240	ng/ul	99
15) Anthracene	17.13	178	748125	20.673	ng/ul	99
16) Fluoranthene	19.07	202	809699	22.120	ng/ul	95
19) Pyrene	19.43	202	811230	19.881	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	793961	20.907	ng/ul	99
21) Chrysene	21.25	228	730446	20.465	ng/ul	99
23) Benzo(b)fluoranthene	22.74	252	812109	21.259	ng/ul#	97
24) Benzo(k)fluoranthene	22.79	252	736868m	19.713	ng/ul	97
26) Benzo(a)pyrene	23.30	252	749905	20.541	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.57	276	909685	20.630	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.59	278	754960	20.543	ng/ul#	97
29) Benzo(a,h,i)perylene	26.23	276	759905	20.605	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000910.D
Acq On : 26 Apr 2018 02:11
Operator : JU/SJ
Sample : J2443-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

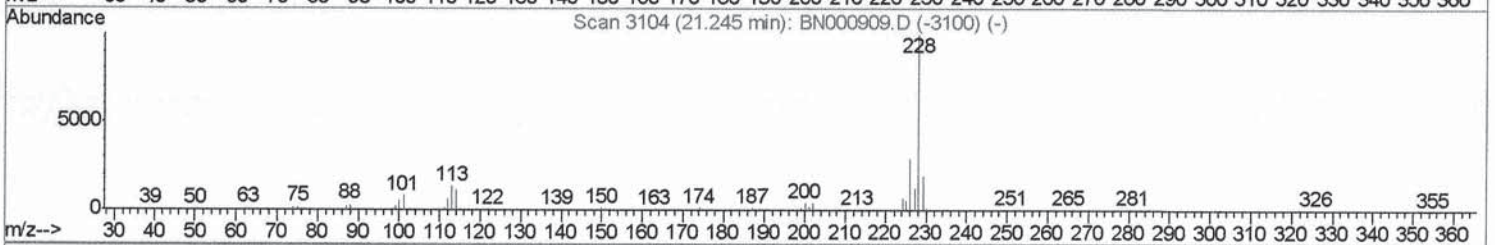
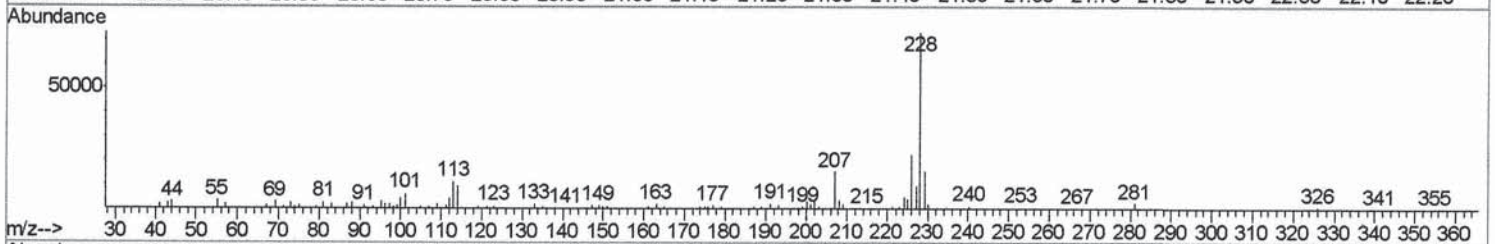
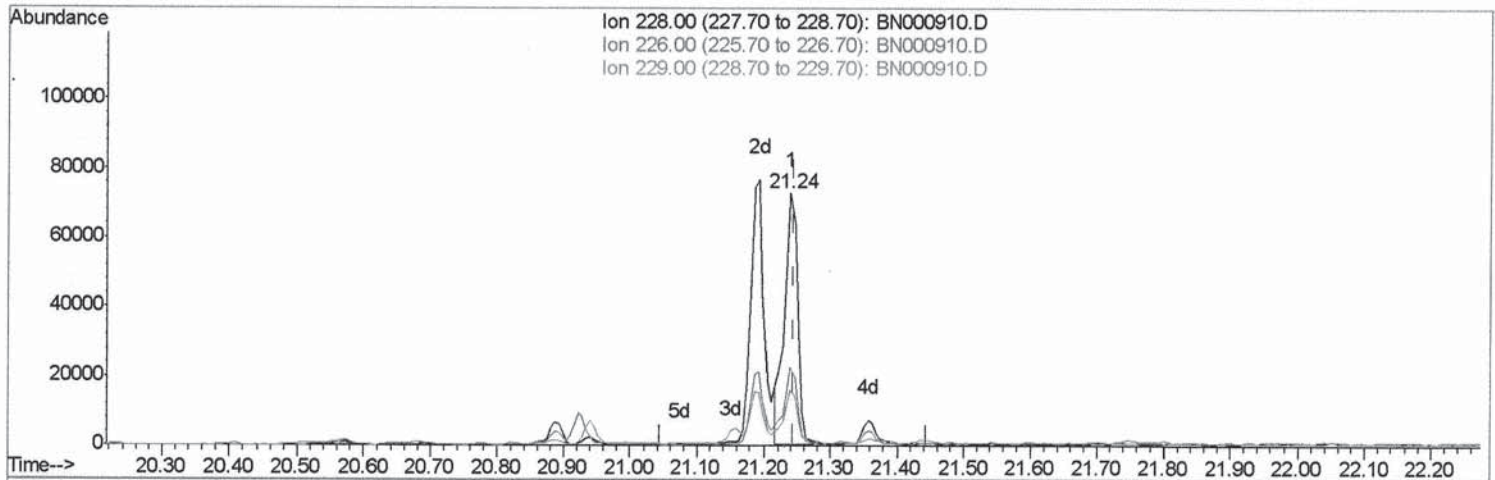
Quant Time: Apr 26 08:41:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000910.D

(21) Chrysene

21.239min (-0.006) 3.01ng/ul

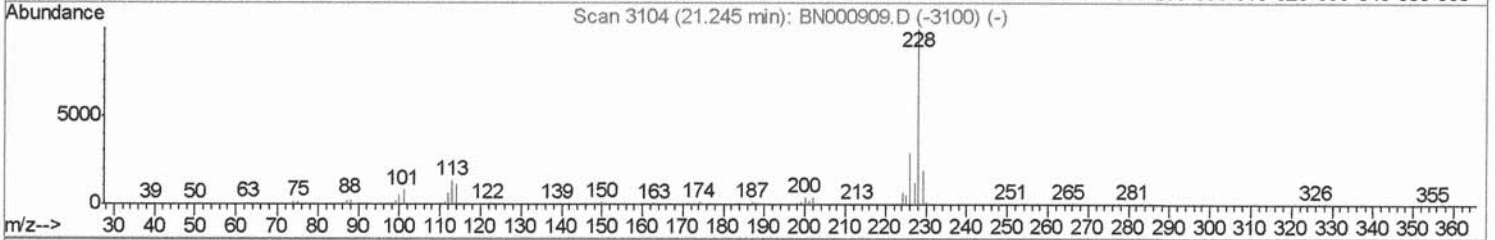
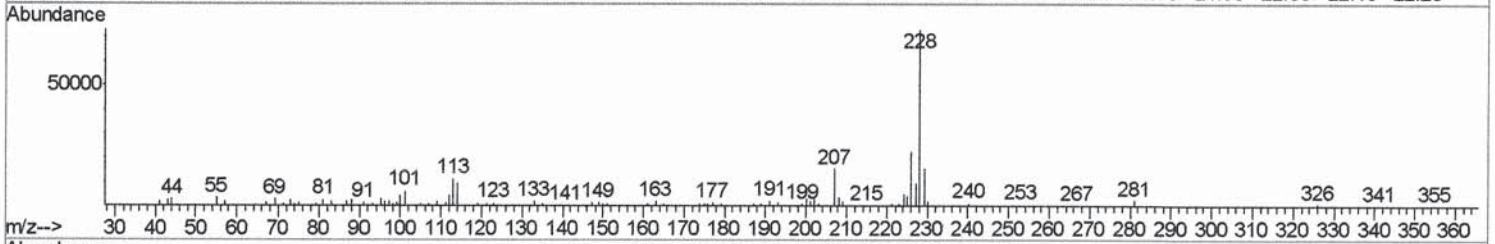
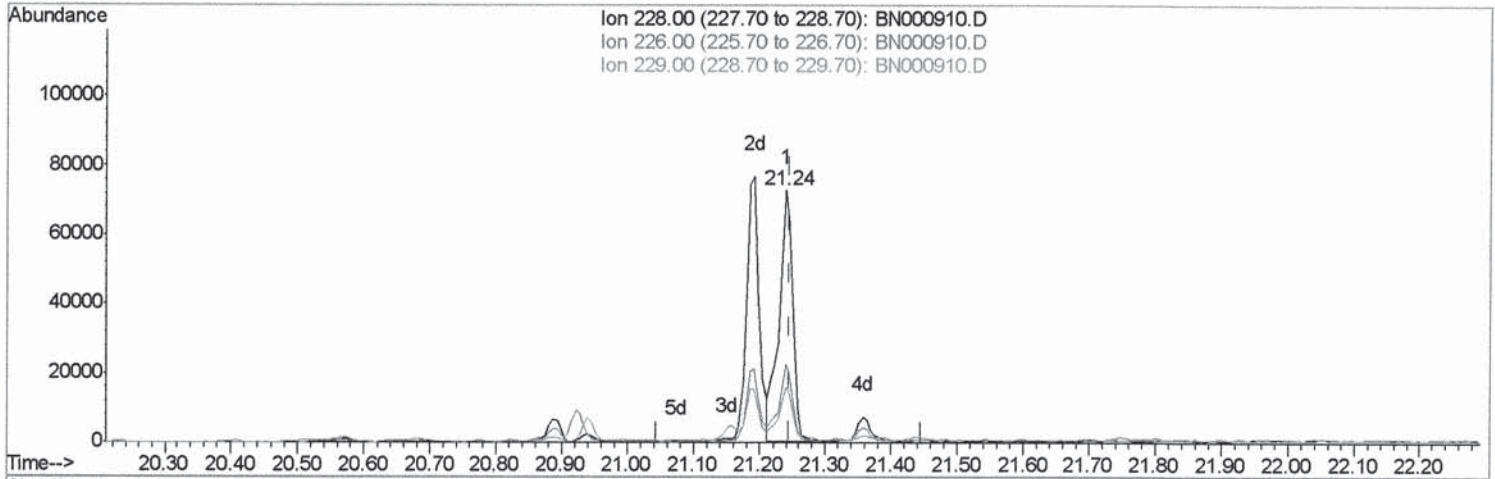
response 98513

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.00
229.00	19.80	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000910.D

(21) Chrysene

21.239min (-0.006) 3.23ng/ul m

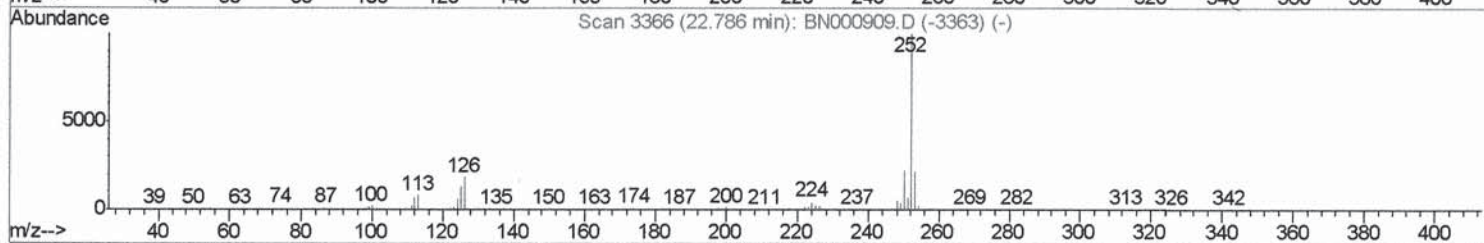
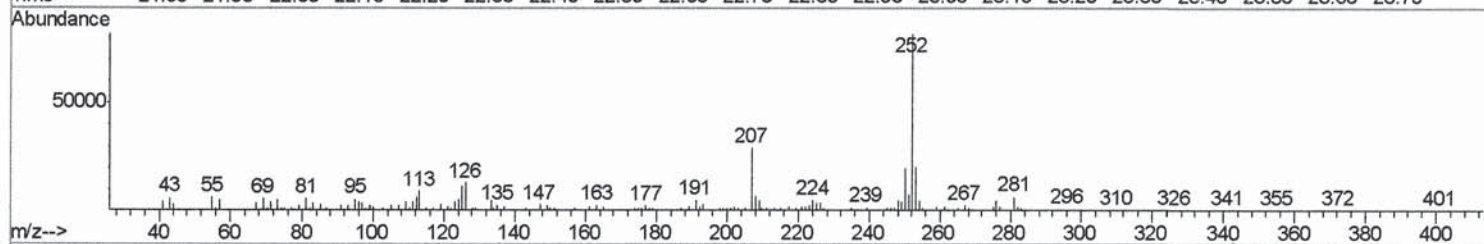
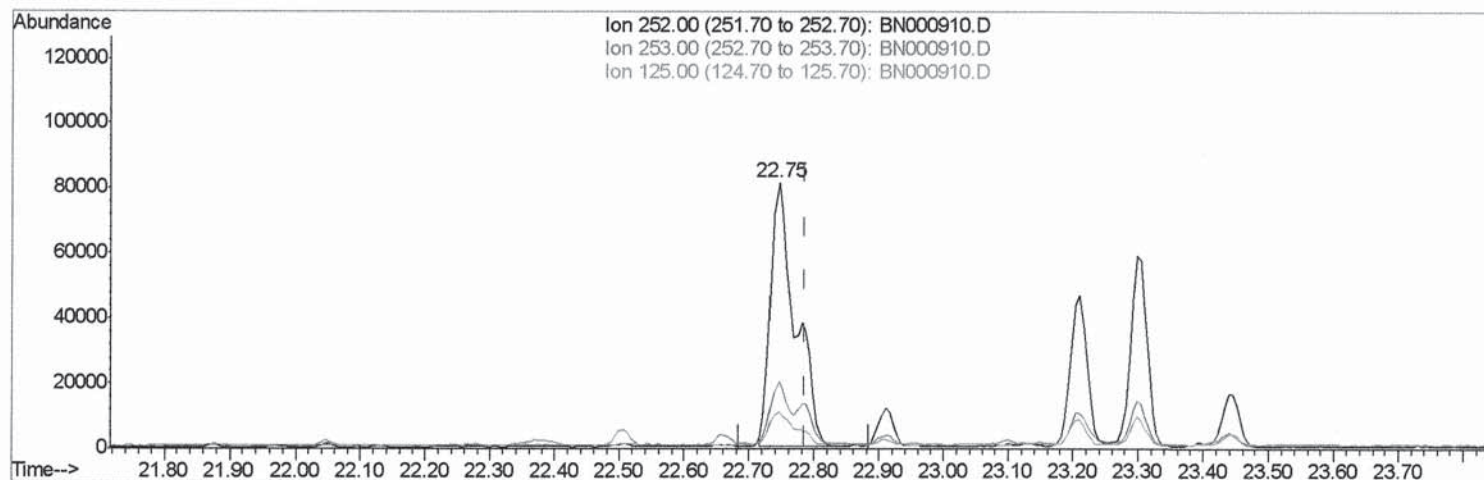
response 105834

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.00
229.00	19.80	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000910.D
Acq On : 26 Apr 2018 02:11
Operator : JU/SJ
Sample : J2443-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000910.D

(24) Benzo(k)fluoranthene

22.745min (-0.041) 6.41ng/ul

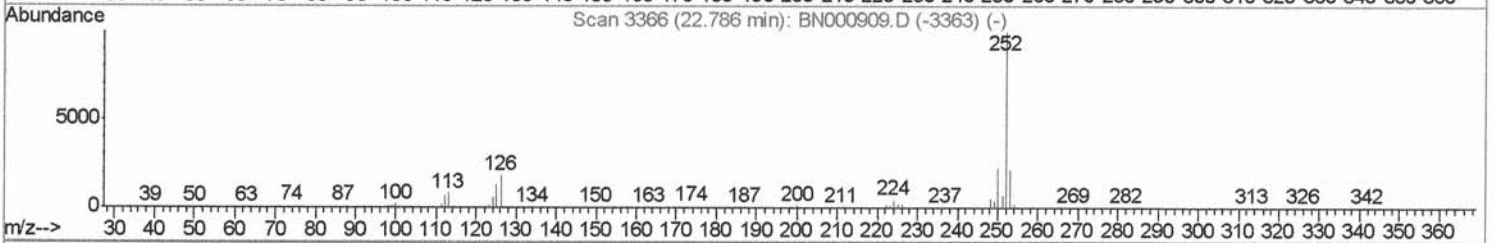
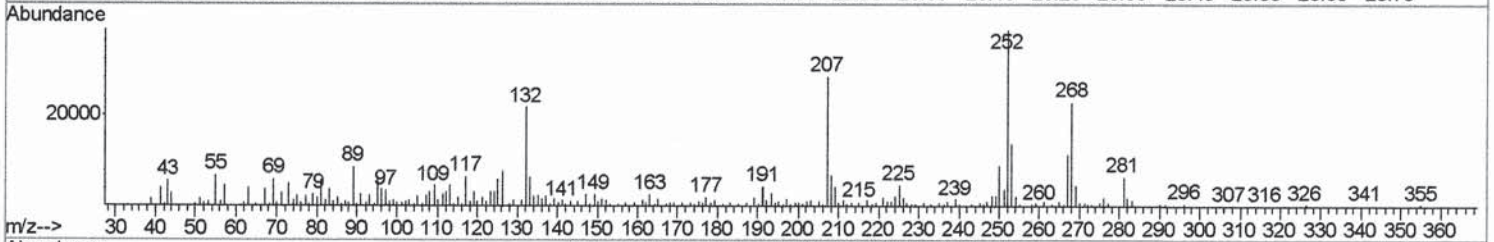
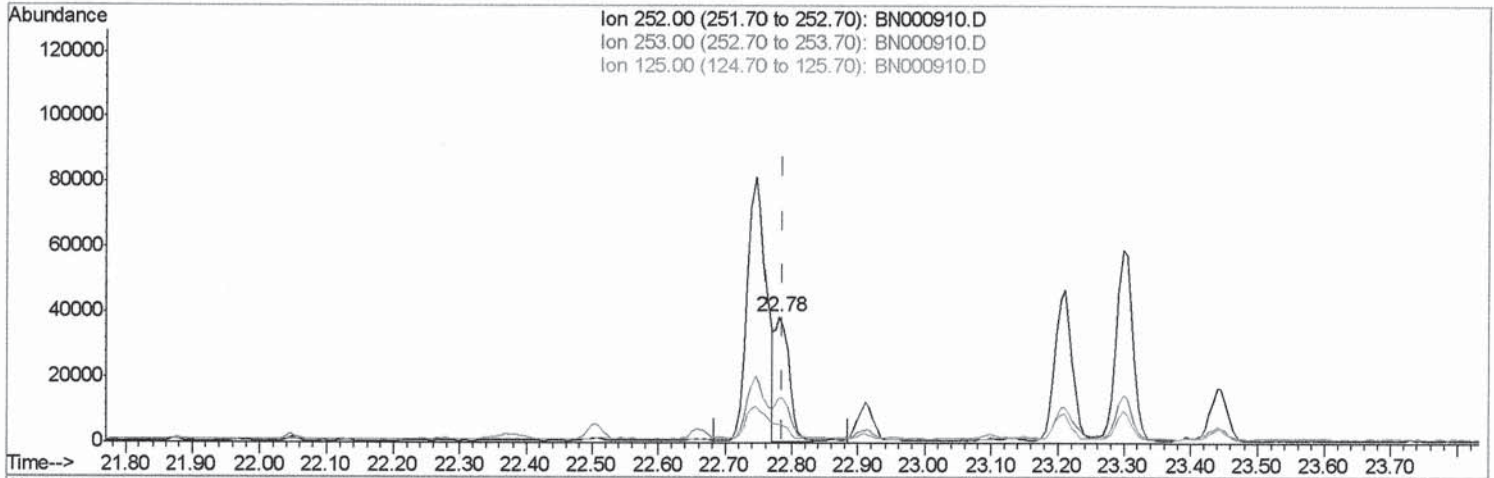
response 212643

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.24
125.00	10.10	14.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000910.D

(24) Benzo(k)fluoranthene

22.780min (-0.006) 1.78ng/ul m

response 59133

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	36.41#
125.00	10.10	15.80#
0.00	0.00	0.00

JU 04/29/18

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133445	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	572676	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	292225	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	604275	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	582606	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	596704	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	662628	23.61	ng/ul	0.00
10) Fluorene-d10	15.25	176	458747	24.49	ng/ul	0.00
14) Anthracene-d10	17.10	188	655935	23.74	ng/ul	0.00
18) Pylene-d10	19.40	212	717423	24.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	729950	25.90	ng/ul	0.00

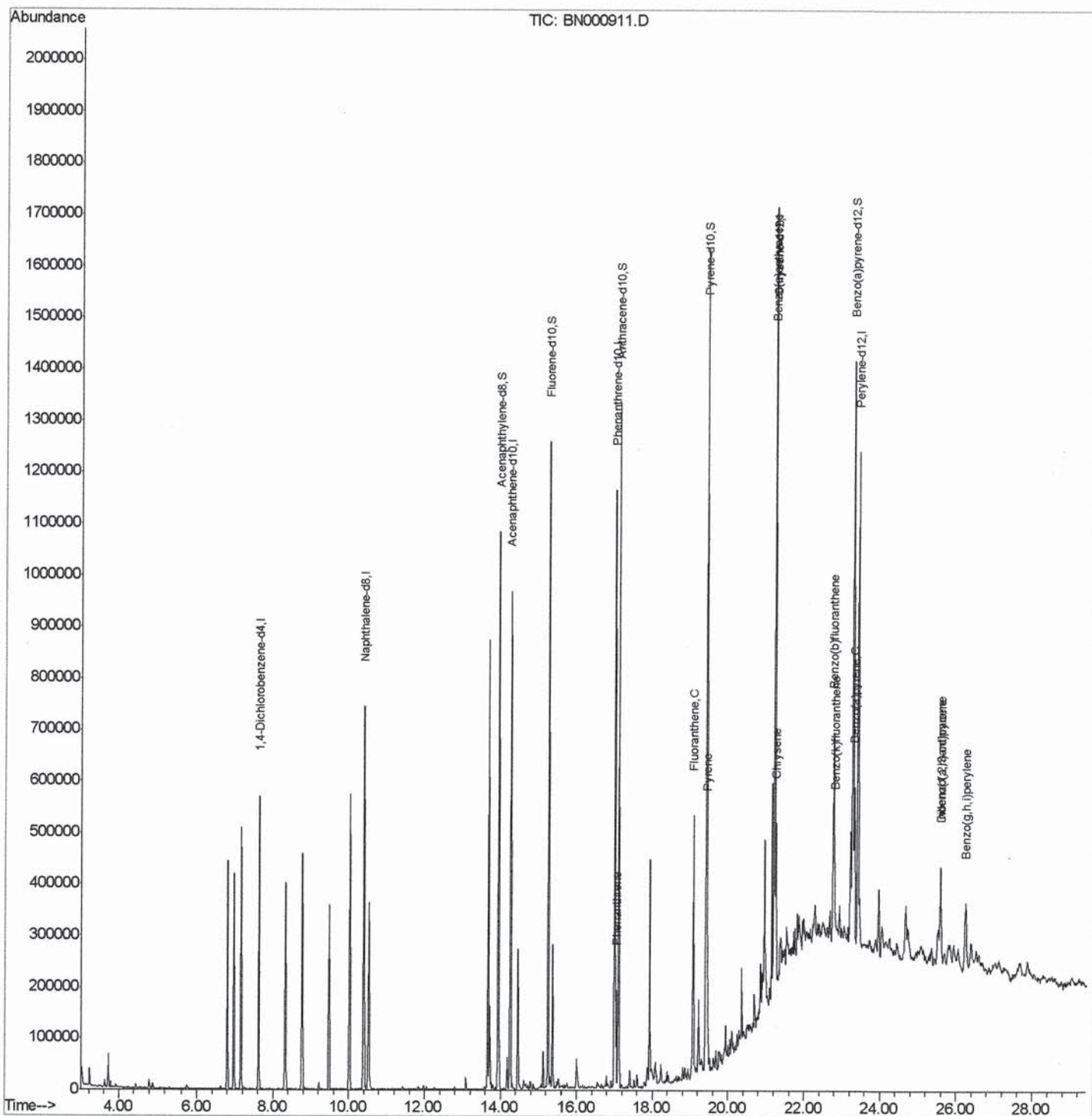
Target Compounds

					Ovalue
13) Phenanthrene	17.04	178	99855	3.030	ng/ul 99
16) Fluoranthene	19.06	202	195985	5.861	ng/ul# 94
19) Pylene	19.43	202	159020	4.249	ng/ul# 88
20) Benzo(a)anthracene	21.19	228	100394	2.883	ng/ul 98
21) Chrysene	21.24	228	105834m	3.233	ng/ul 98
23) Benzo(b)fluoranthene	22.75	252	157762	4.652	ng/ul# 93
24) Benzo(k)fluoranthene	22.78	252	59133m	1.782	ng/ul 93
26) Benzo(a)pyrene	23.30	252	104108	3.212	ng/ul# 89
27) Indeno(1,2,3-cd)pyrene	25.57	276	85289	2.179	ng/ul# 89
29) Benzo(a,h,i)perylene	26.23	276	86967	2.656	ng/ul# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

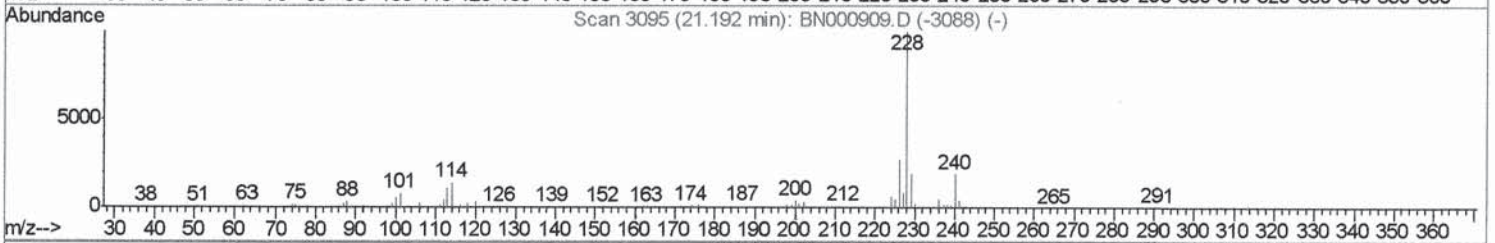
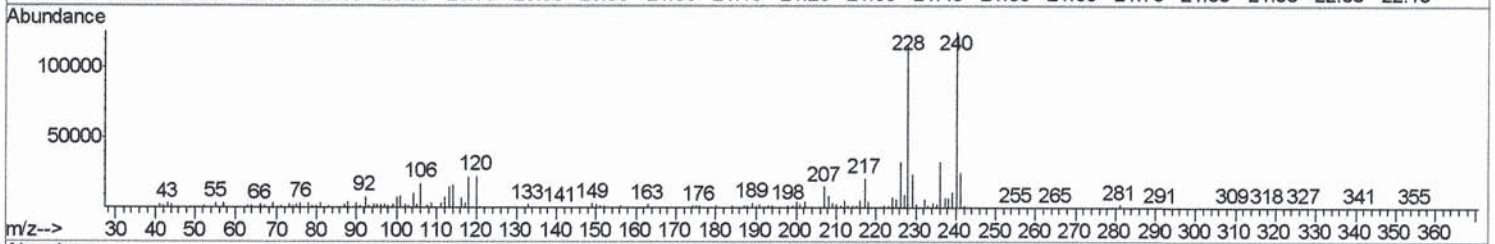
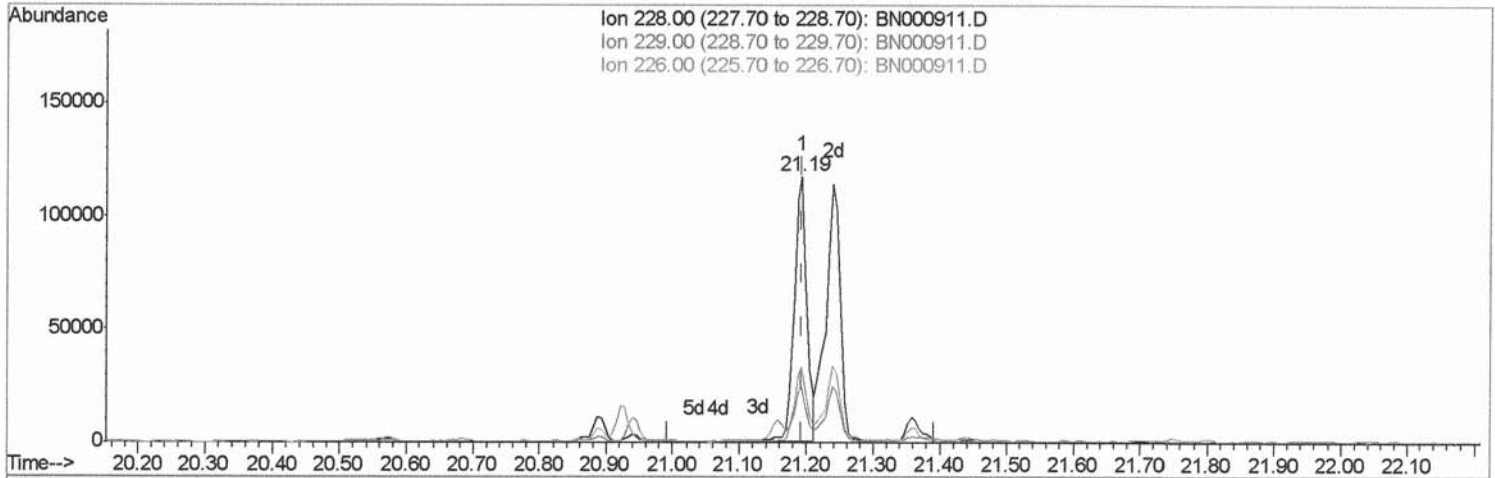
Quant Time: Apr 26 08:43:40 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.40ng/ul

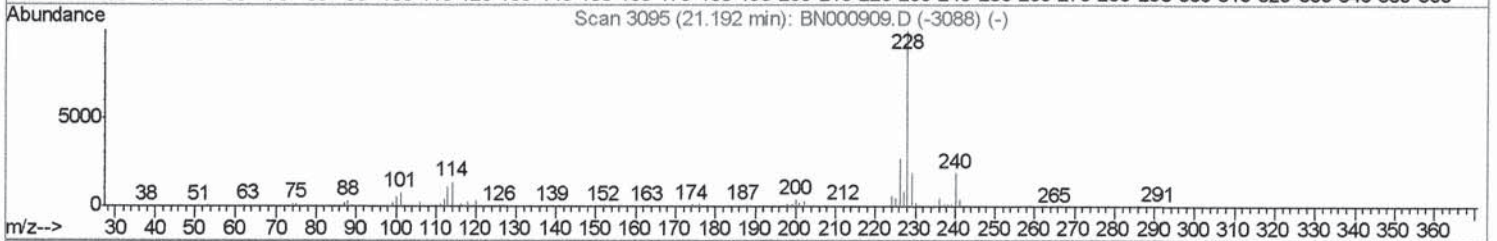
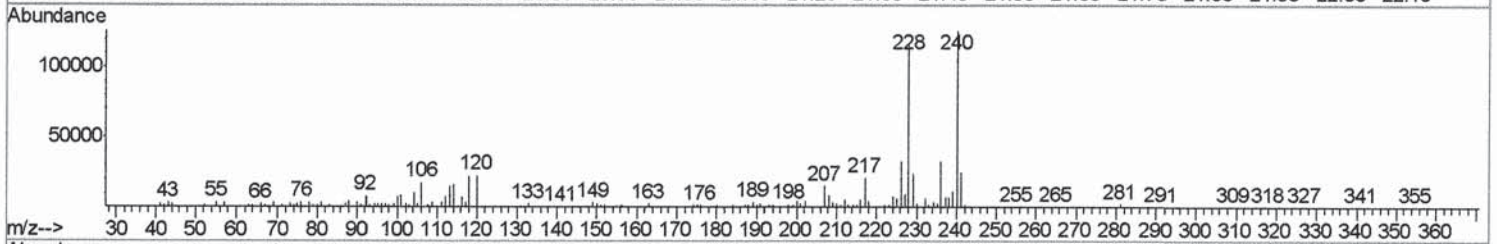
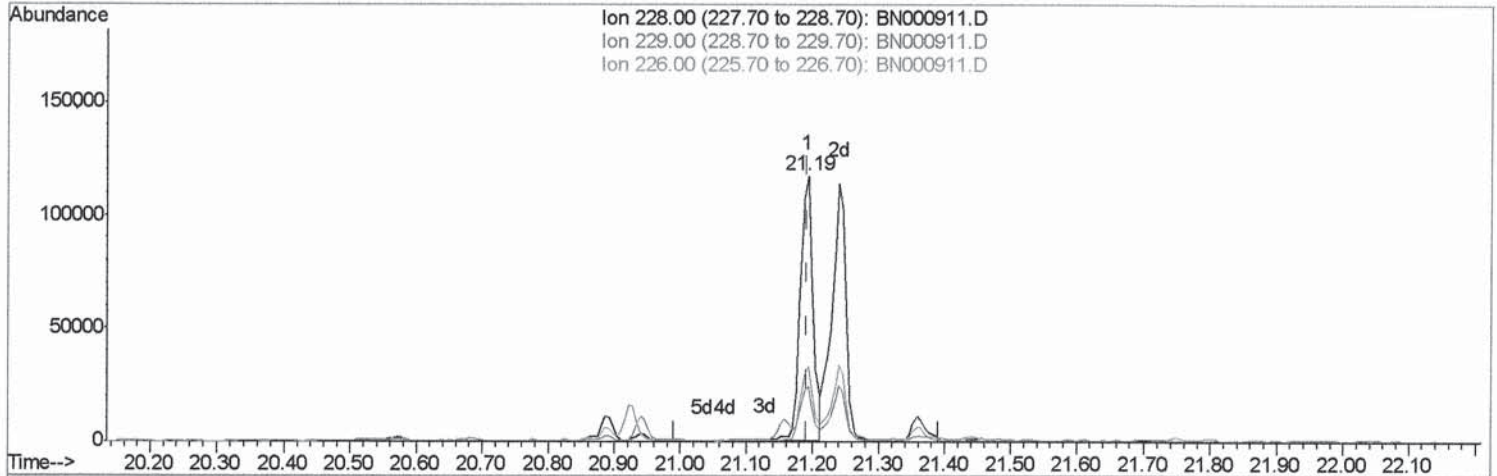
response 154360

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.74
226.00	26.40	28.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.42ng/ui m

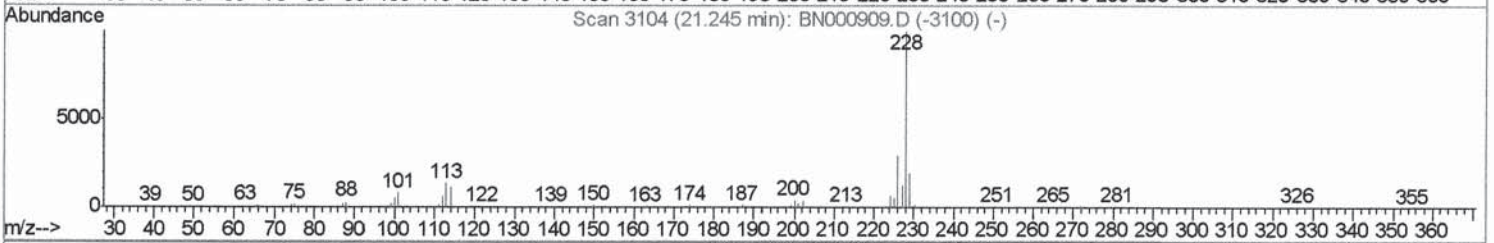
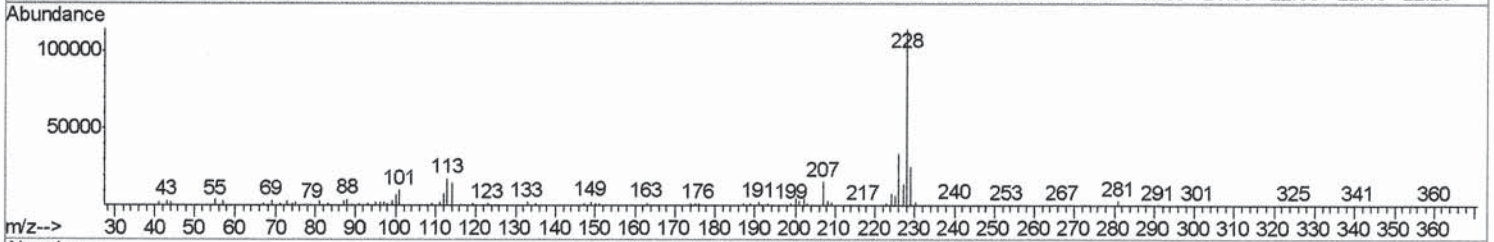
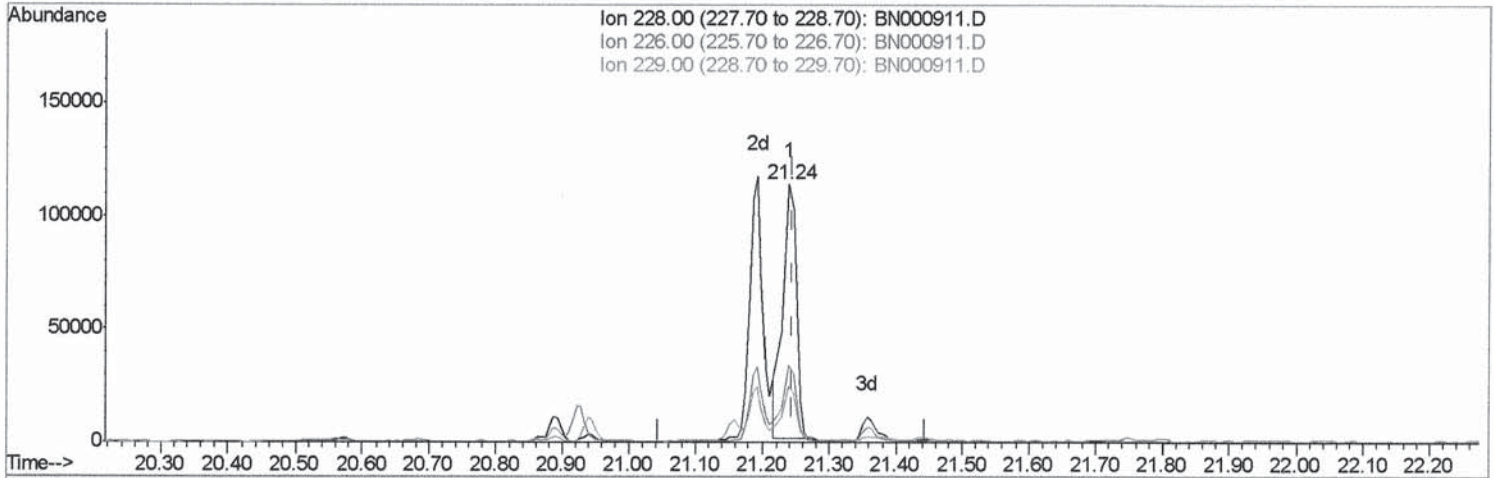
response 155021

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.74
226.00	26.40	28.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(21) Chrysene

21.239min (-0.006) 4.85ng/ul

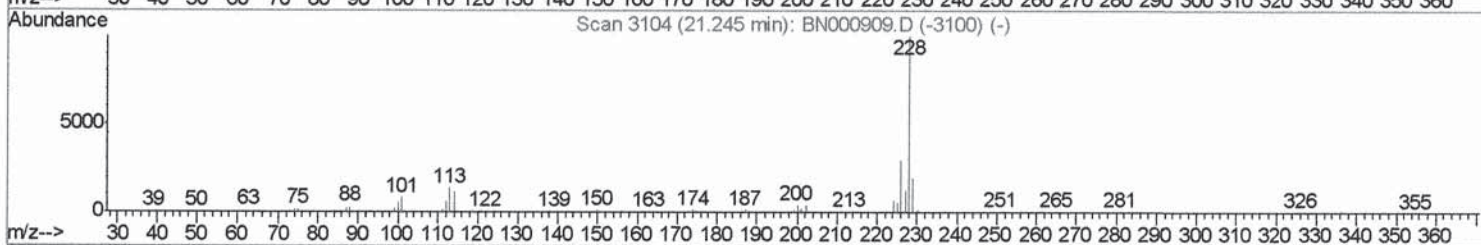
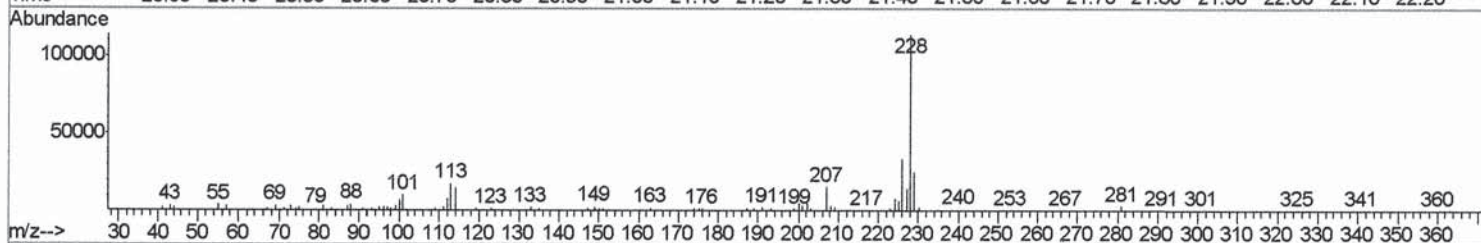
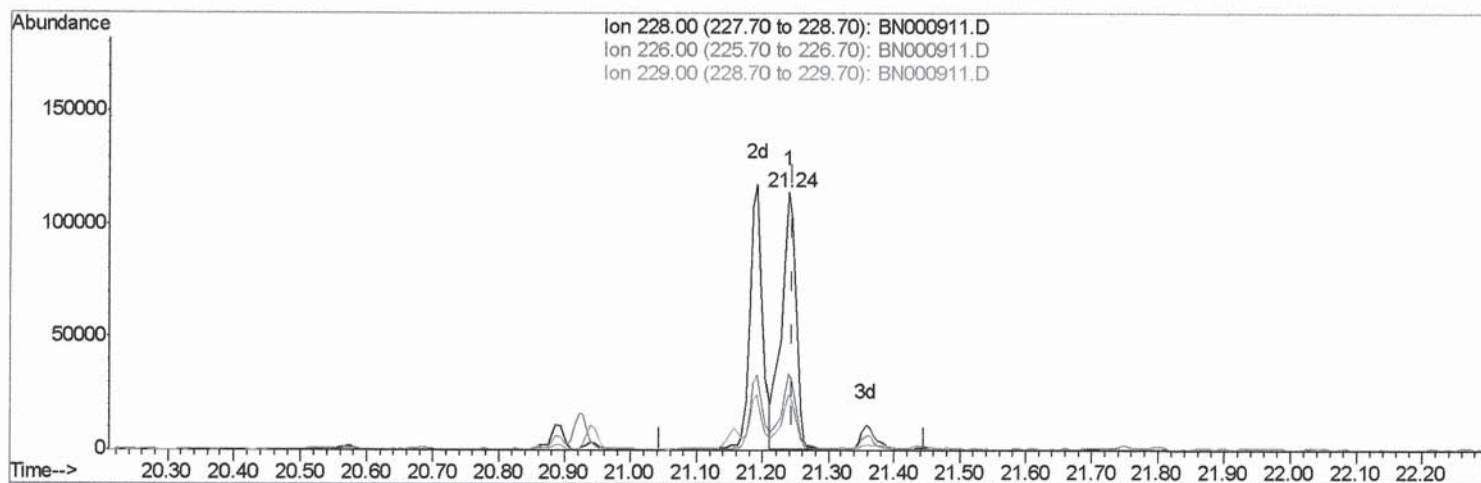
response 159934

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.92
229.00	19.80	22.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(21) Chrysene

21.239min (-0.006) 5.29ng/ul m

response 174349

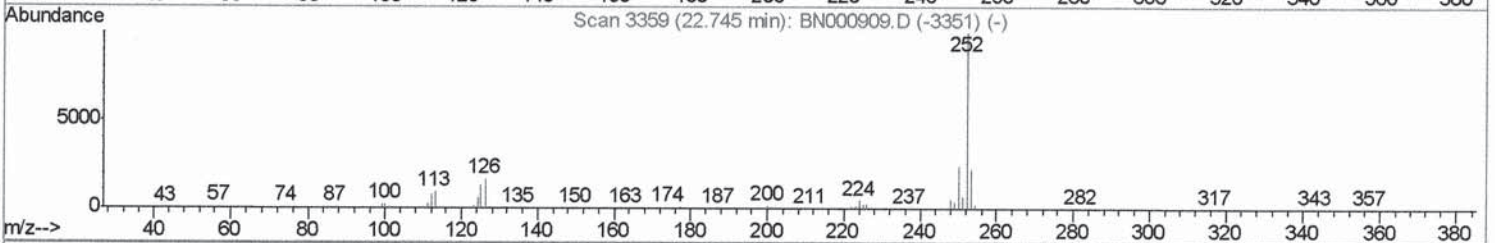
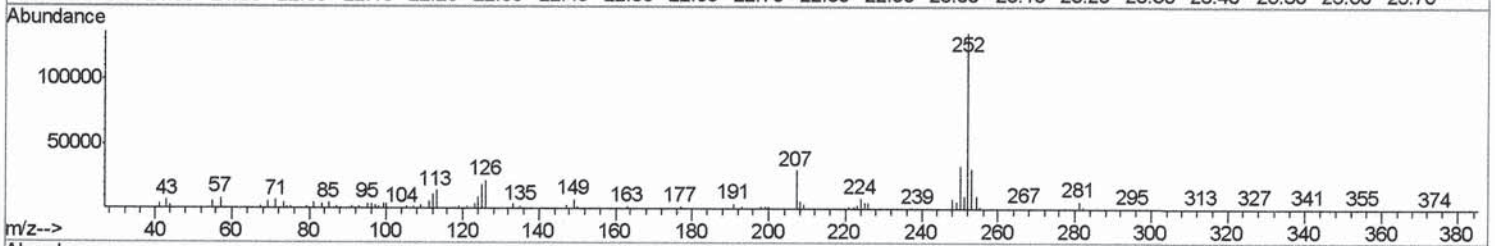
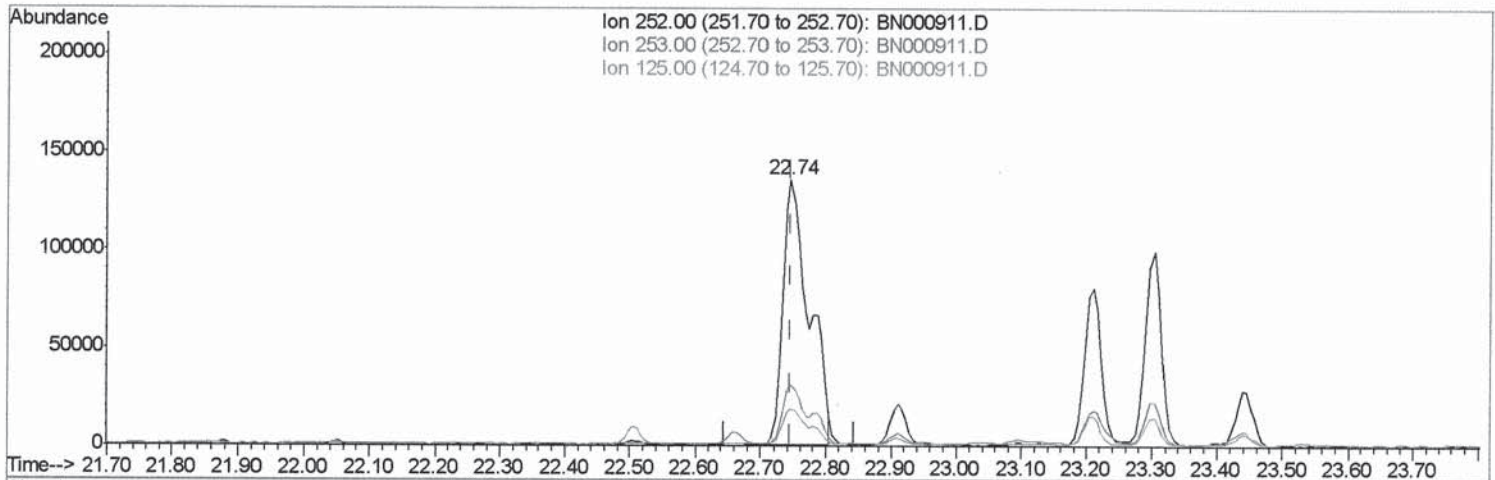
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.92
229.00	19.80	22.17
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(23) Benzo(b)fluoranthene

22.745min (-0.000) 10.62ng/ul

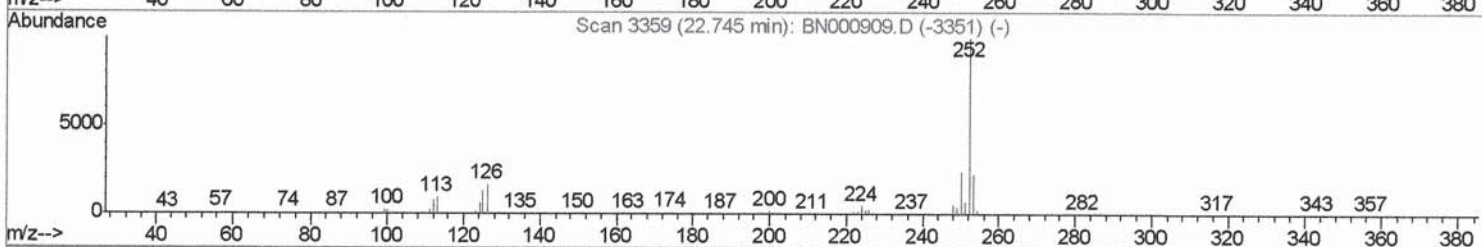
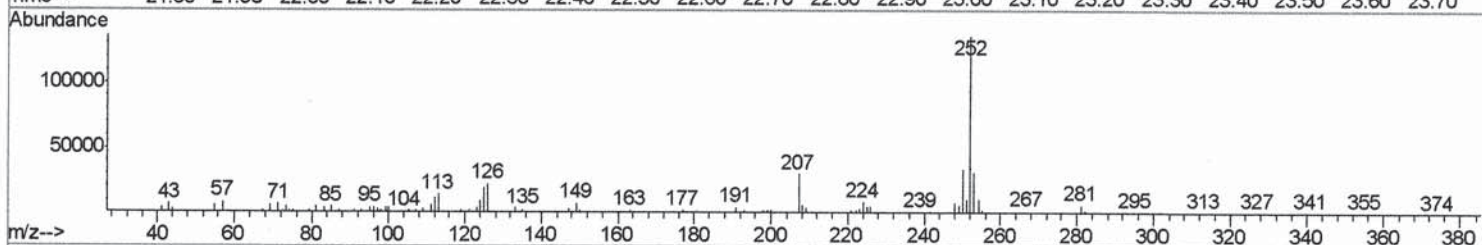
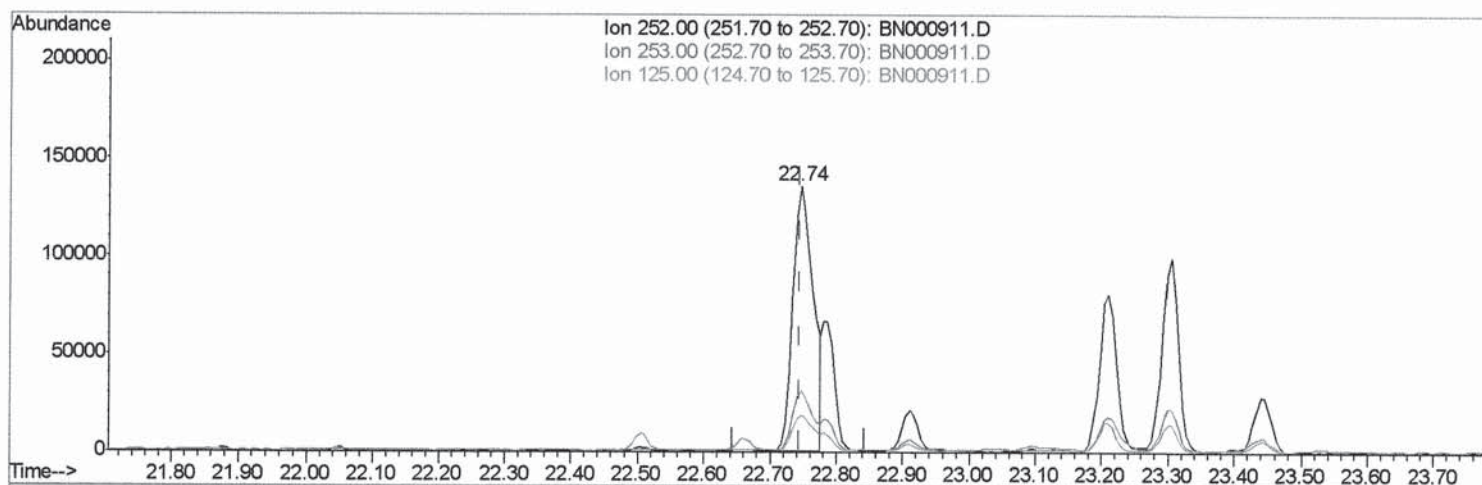
response 374184

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.06
125.00	10.00	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(23) Benzo(b)fluoranthene

22.745min (-0.000) 8.32ng/ul m

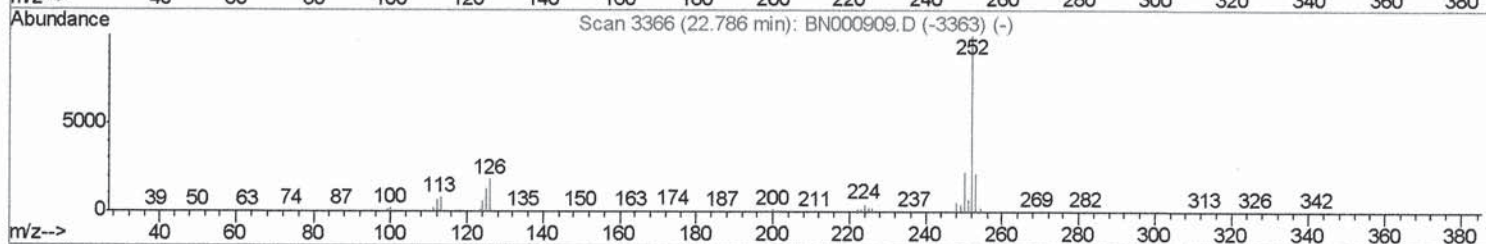
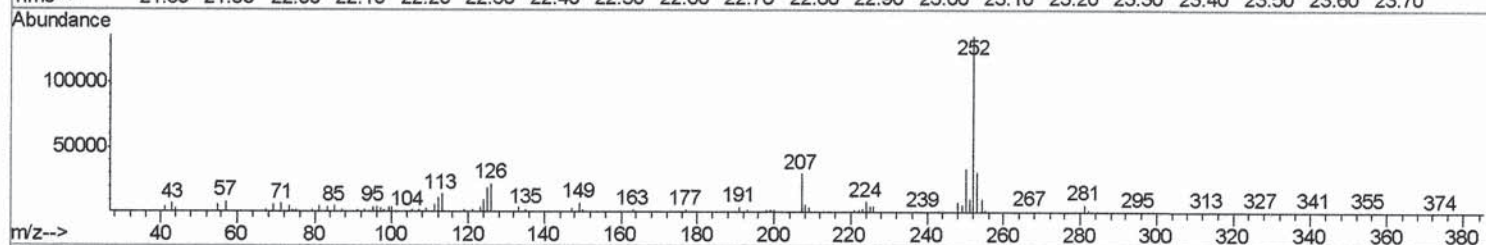
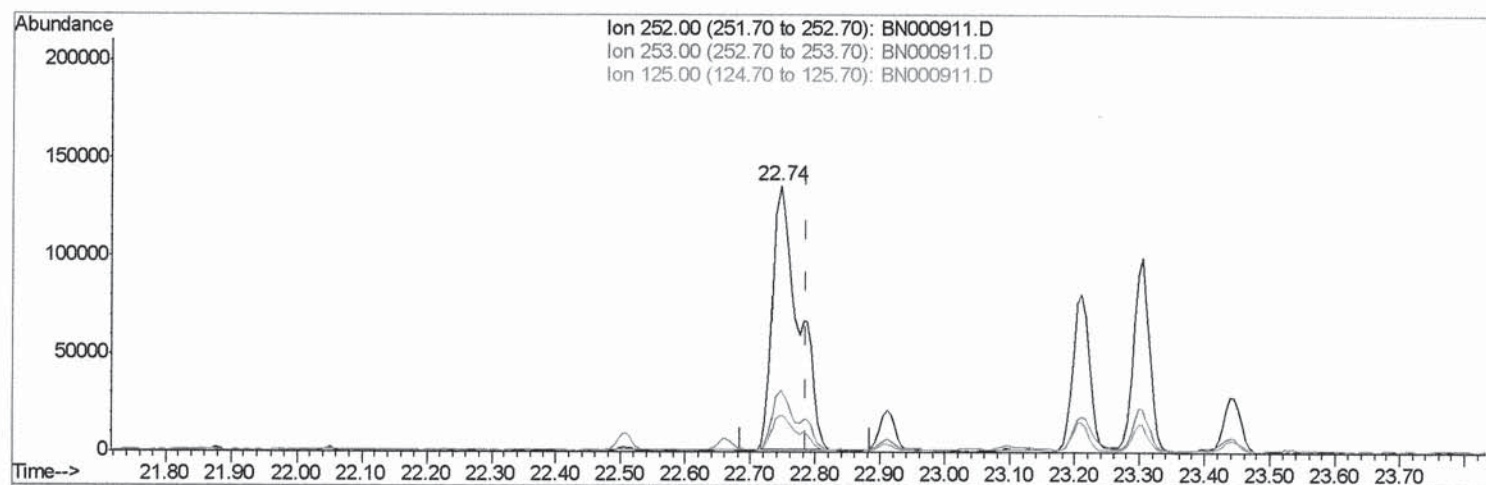
response 292904

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.06
125.00	10.00	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000911.D

(24) Benzo(k)fluoranthene

22.745min (-0.041) 10.85ng/ui

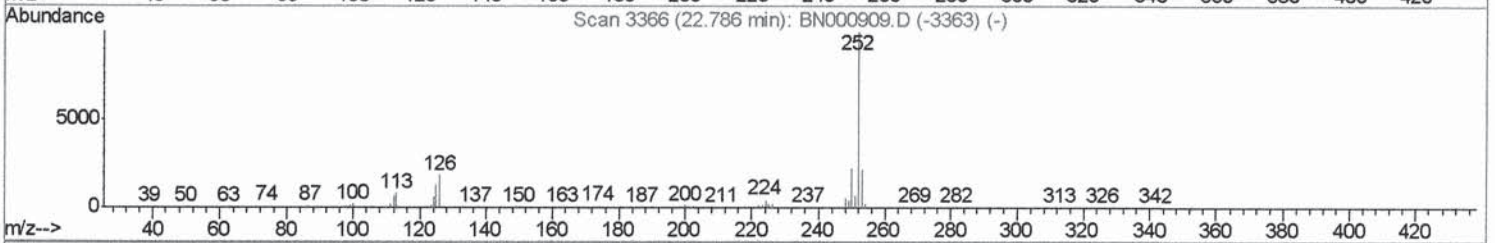
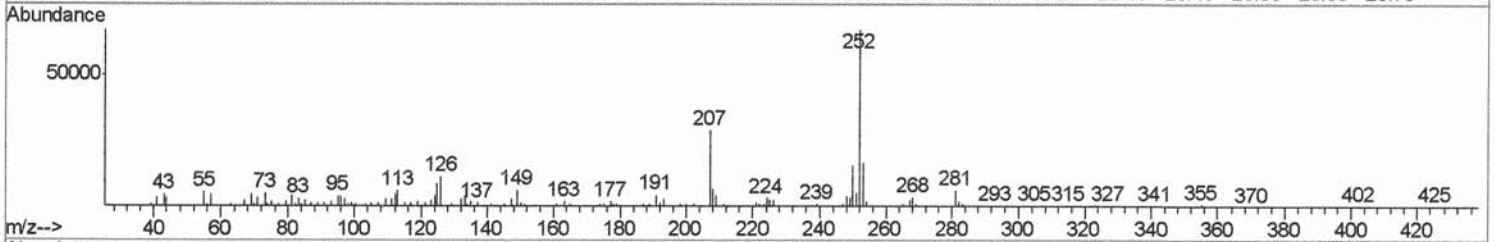
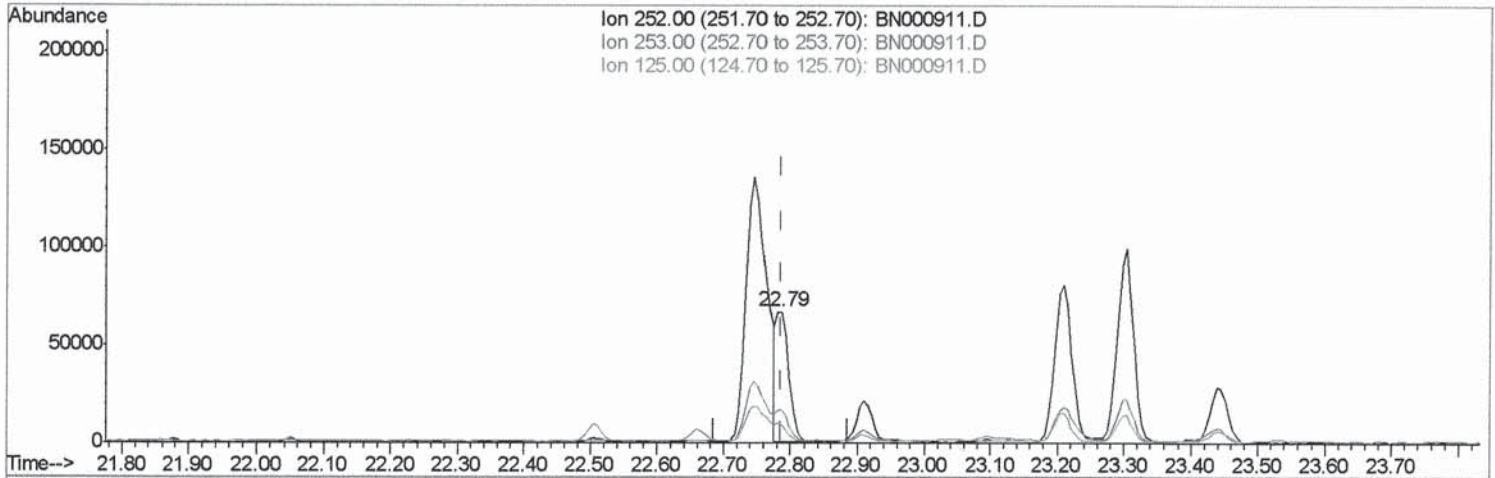
response 373847

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.06
125.00	10.10	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(24) Benzo(k)fluoranthene

22.786min (-0.000) 2.46ng/ul m

response 84836

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.89
125.00	10.10	13.63#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:43:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141279	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592175	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	298945	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	611691	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	586994	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	619732	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	665689	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	464091	24.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	661766	23.66	ng/ul	0.00
18) Pvrene-d10	19.40	212	725699	24.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	762596	26.05	ng/ul	0.00

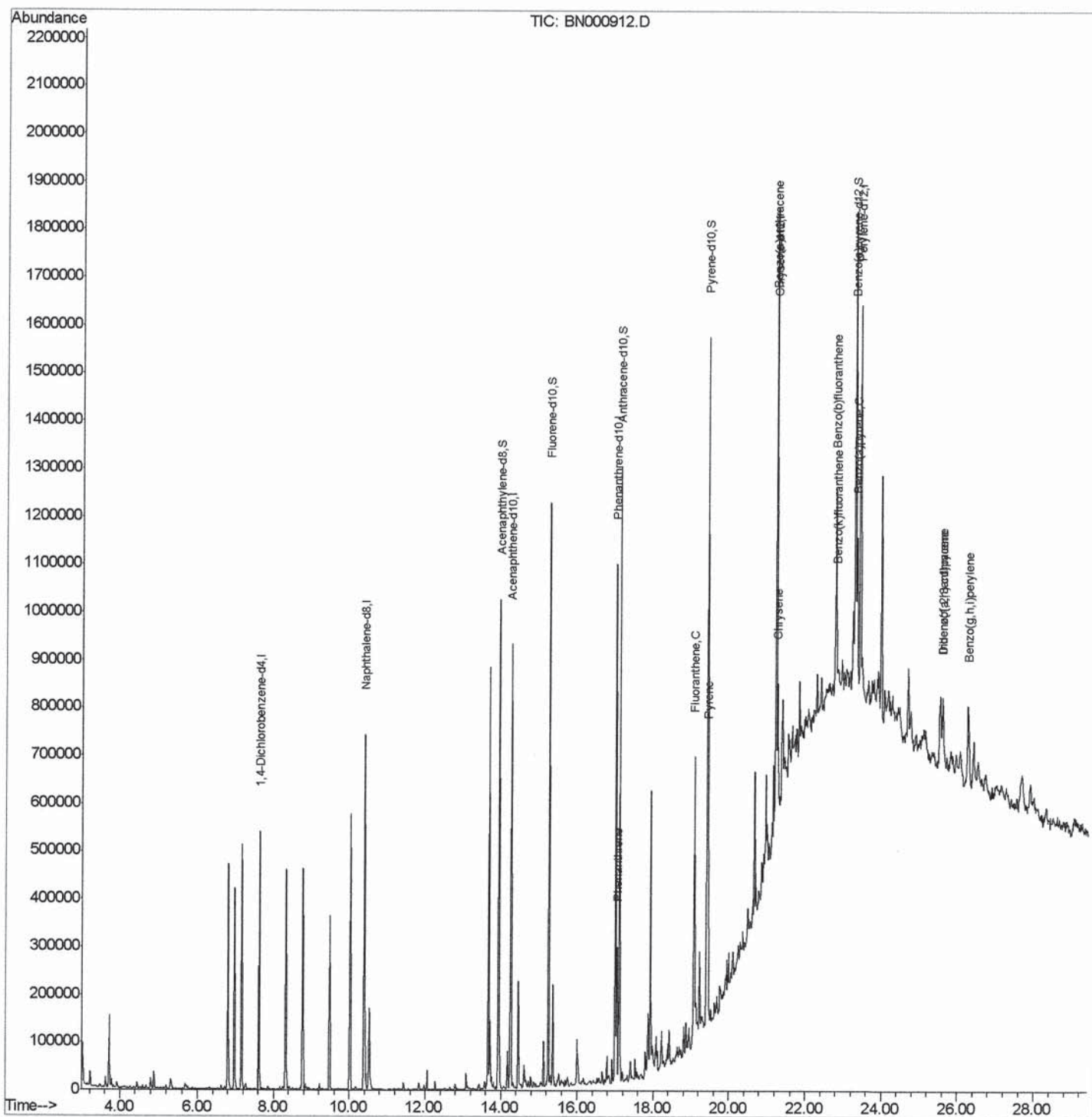
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	102583	3.075	ng/ul	100
16) Fluoranthene	19.06	202	261267	7.719	ng/ul#	92
19) Pyrene	19.43	202	240800	6.387	ng/ul#	93
20) Benzo(a)anthracene	21.19	228	155021m	4.418	ng/ul	
21) Chrysene	21.24	228	174349m	5.286	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	292904m	8.317	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	84836m	2.462	ng/ul	
26) Benzo(a)pyrene	23.30	252	165542	4.918	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.57	276	141185	3.473	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.57	278	36502	1.077	ng/ul#	82
29) Benzo(a,h,i)perylene	26.23	276	143129	4.209	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000912.D
Acq On : 26 Apr 2018 03:21
Operator : JU/SJ
Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

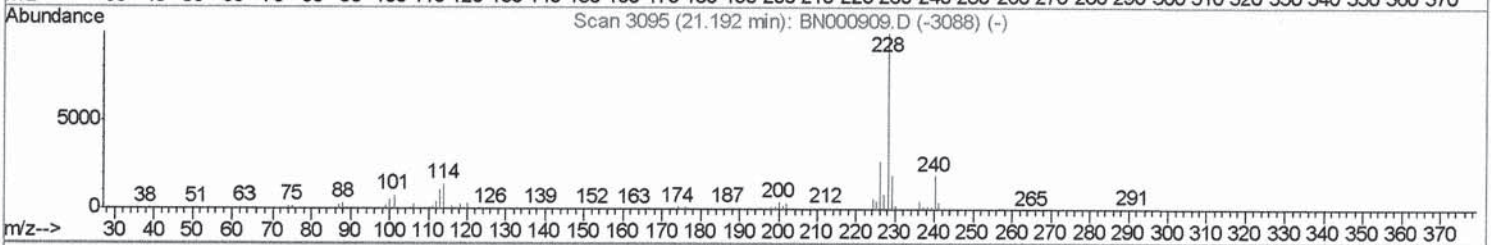
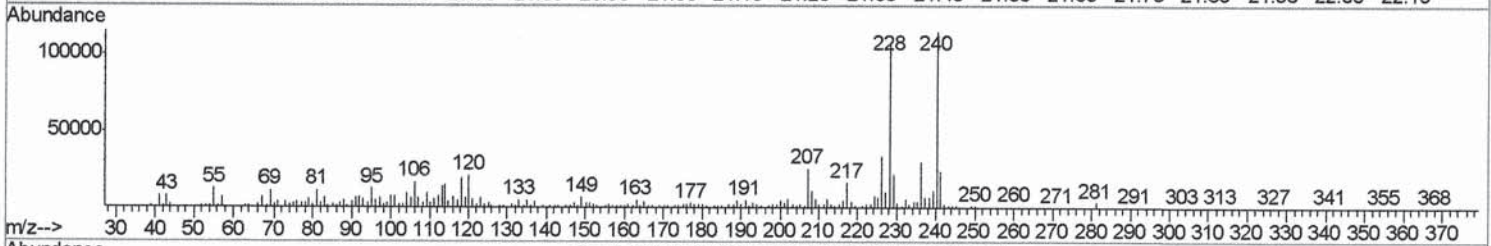
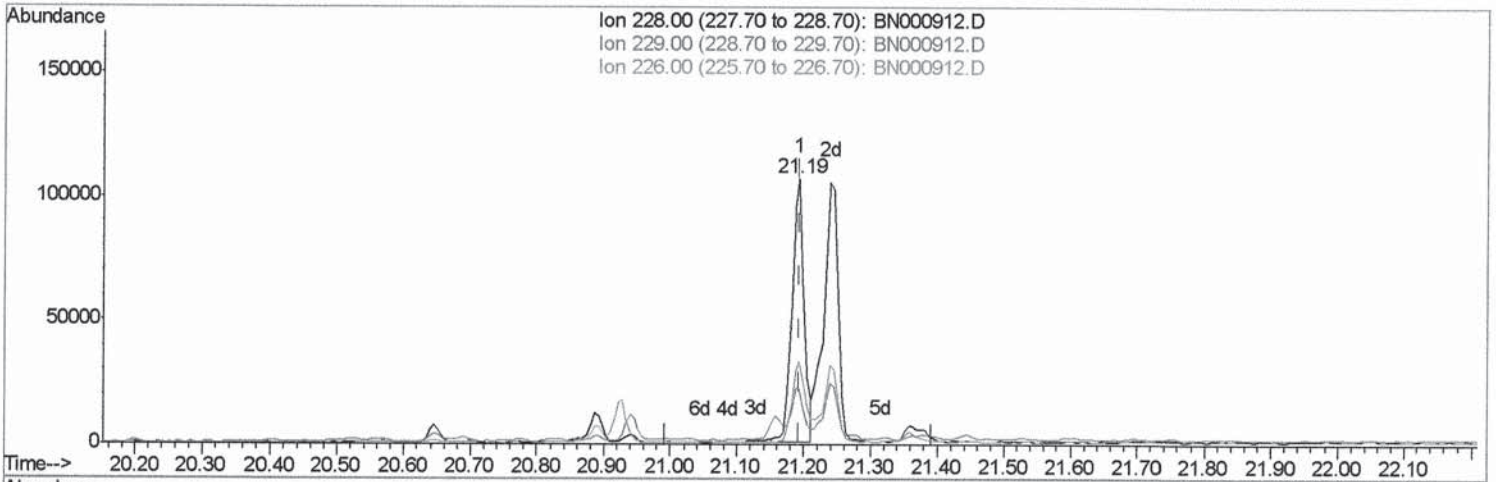
Quant Time: Apr 26 08:45:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.62ng/ui

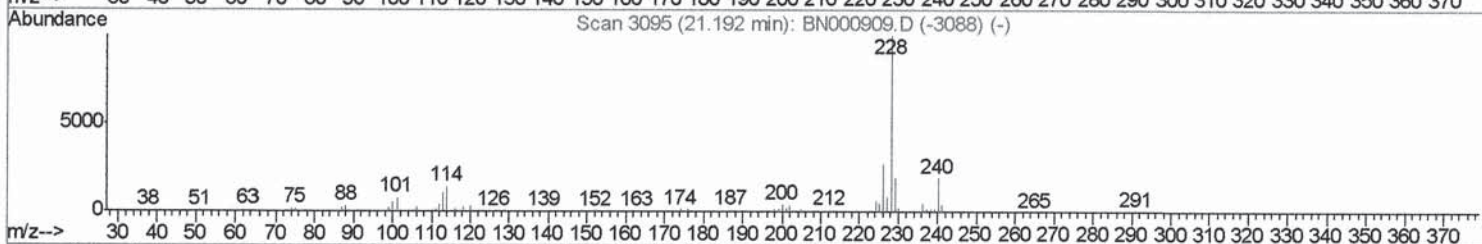
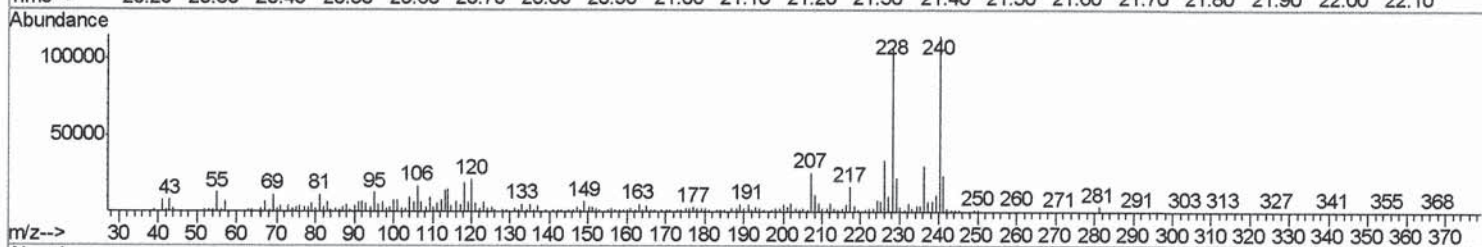
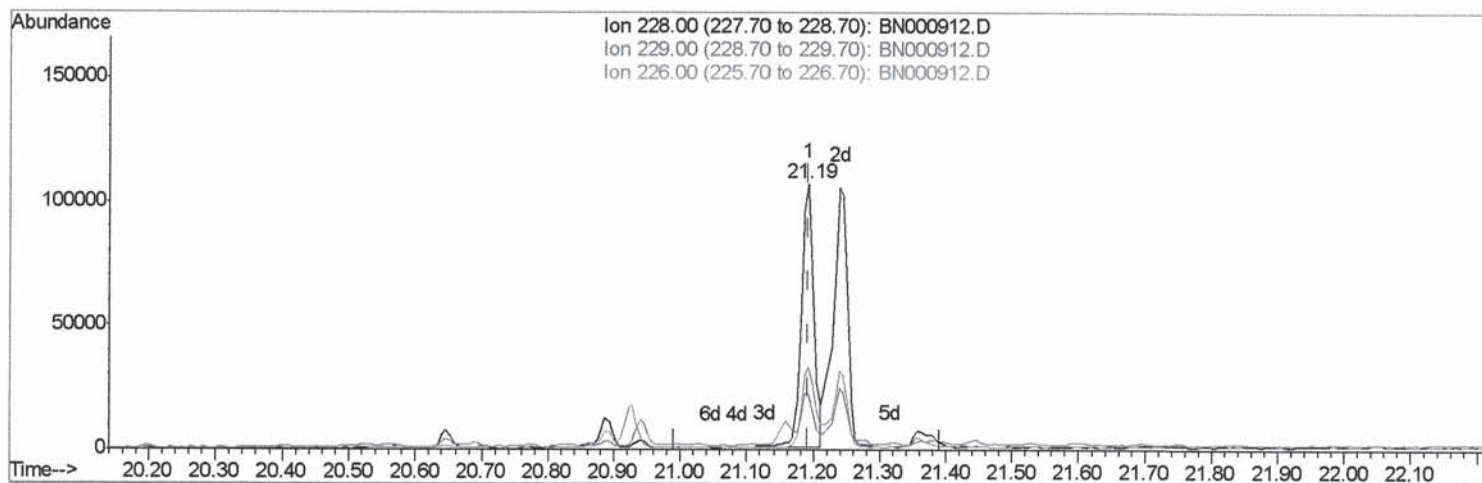
response 137342

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.10
226.00	26.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.61ng/ul m

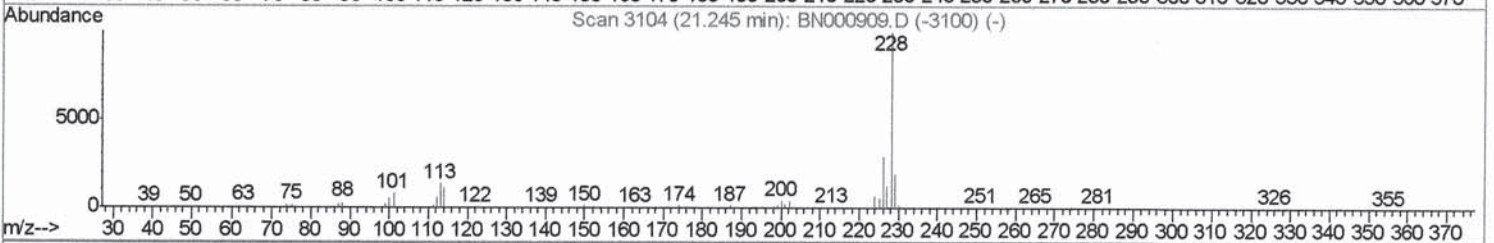
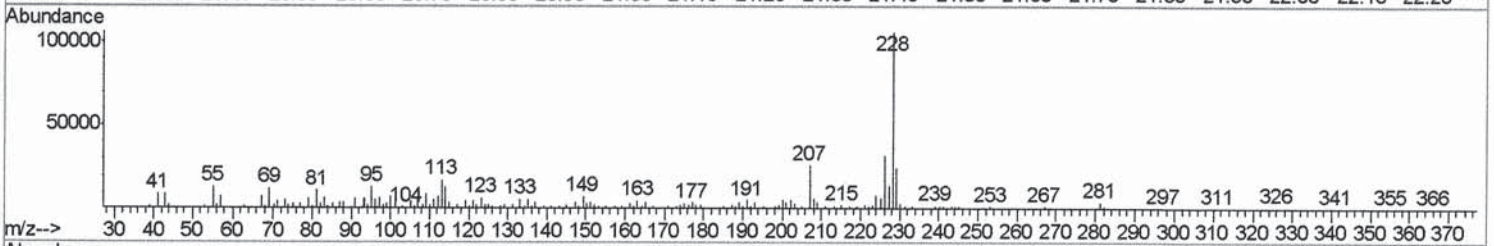
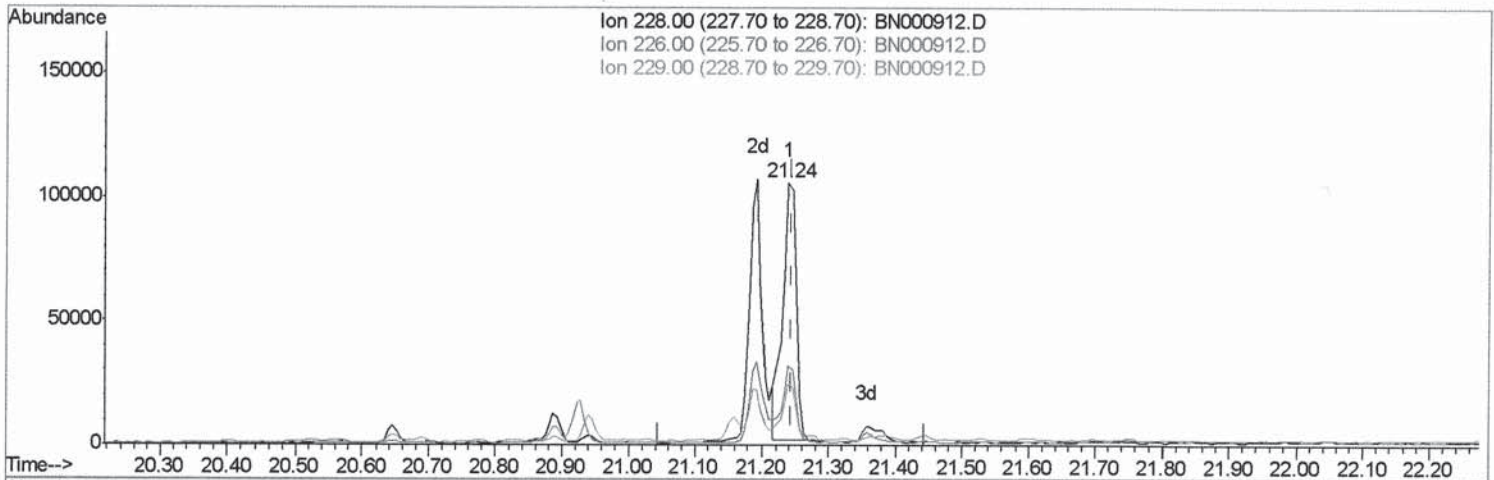
response 137163

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.10
226.00	26.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(21) Chrysene

21.239min (-0.006) 5.26ng/ul

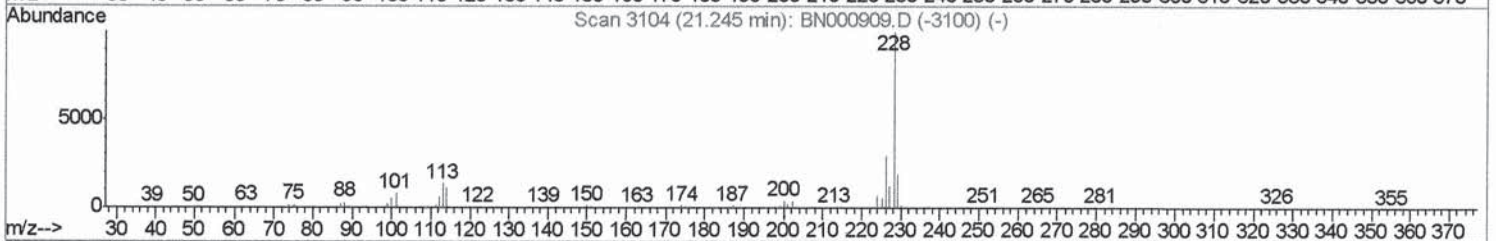
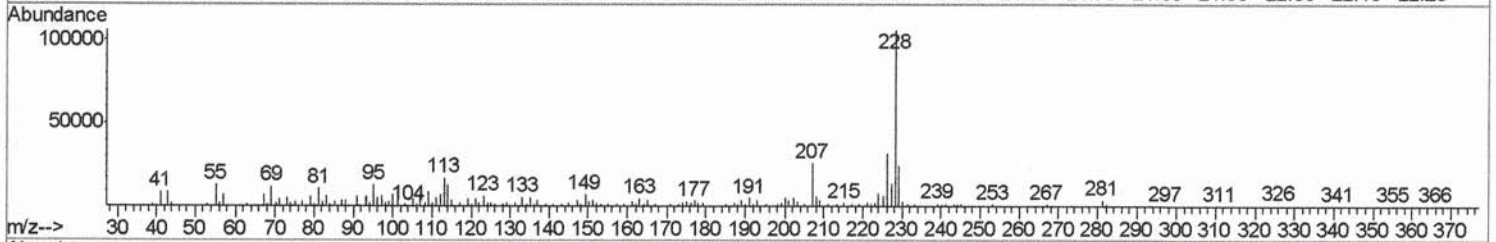
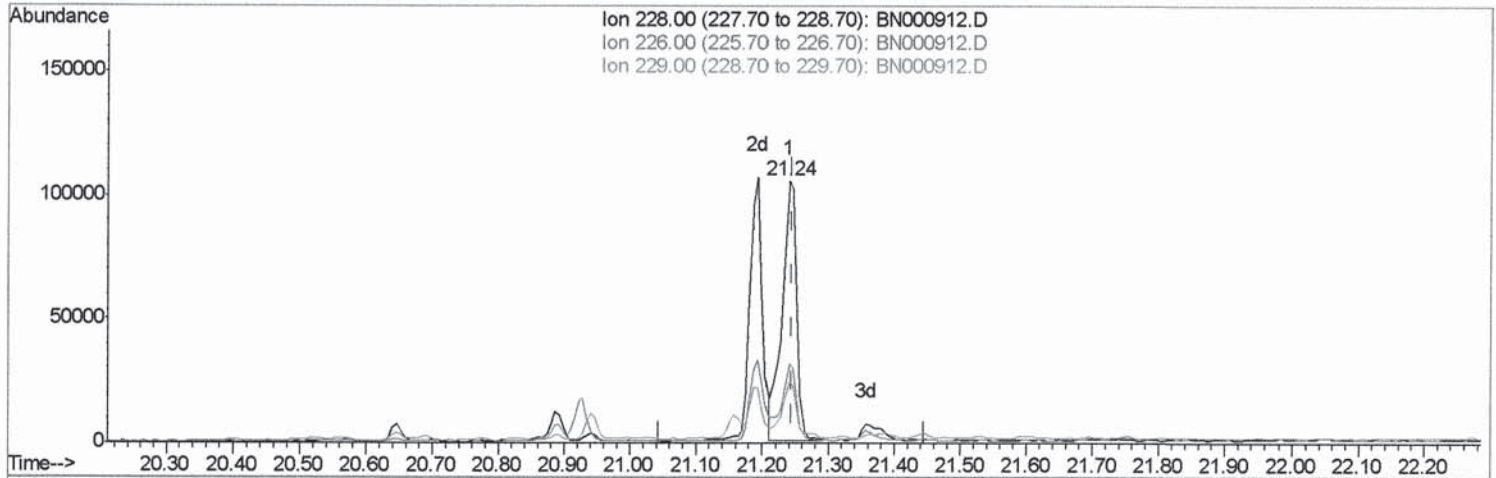
response 146993

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(21) Chrysene

21.239min (-0.006) 5.70ng/ul m

response 159204

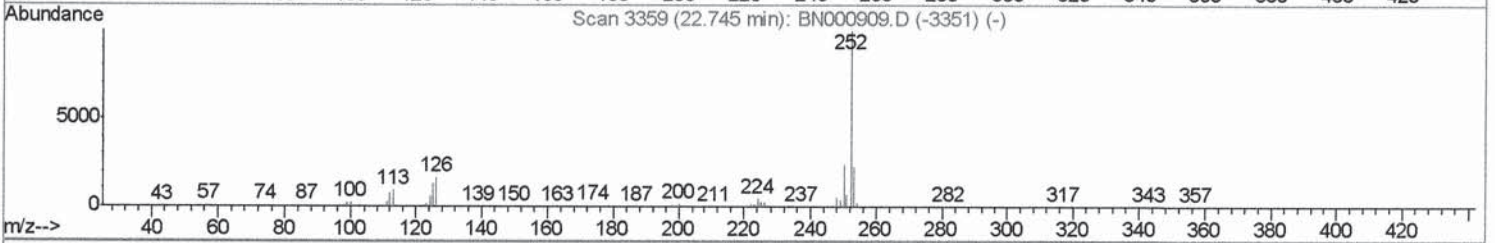
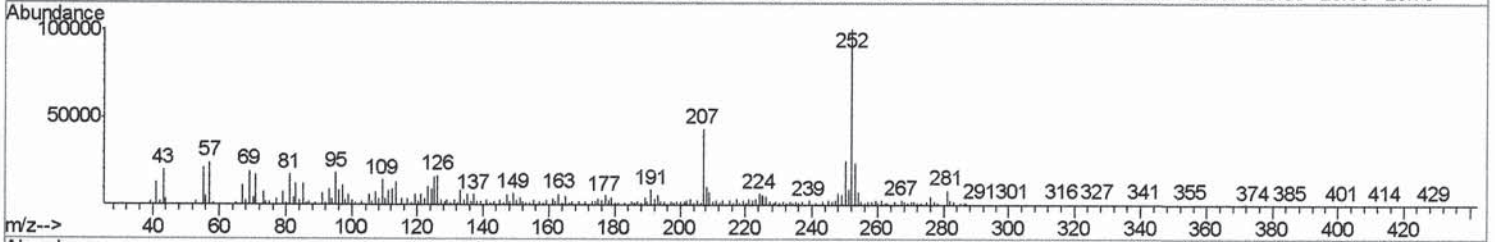
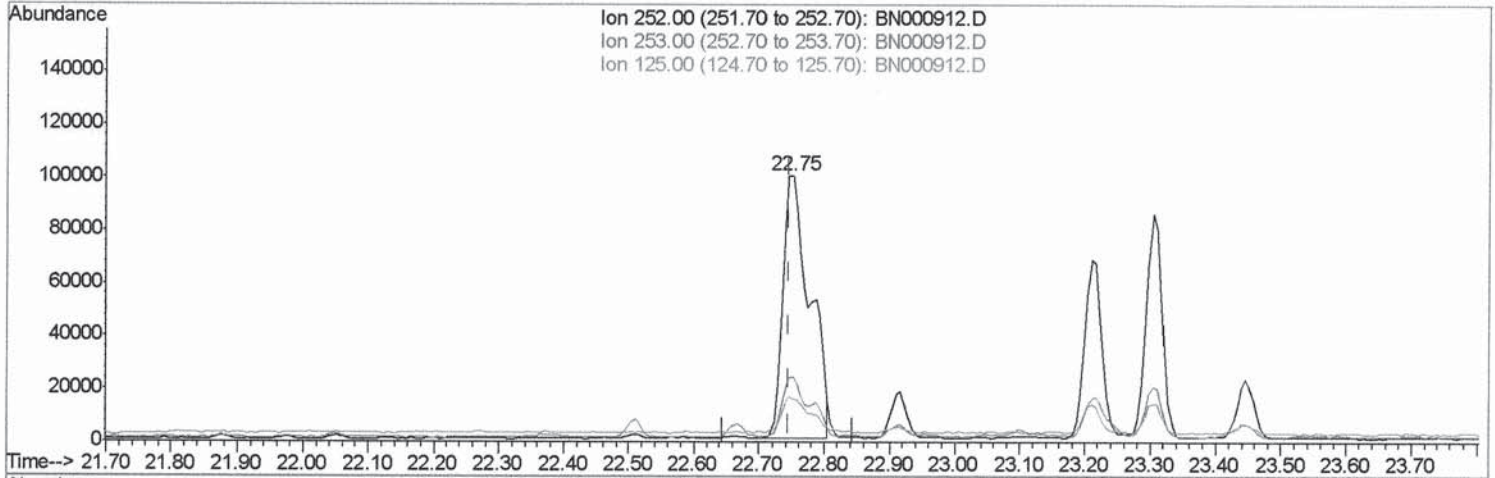
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.46
0.00	0.00	0.00

21.239min

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 9.41ng/ul

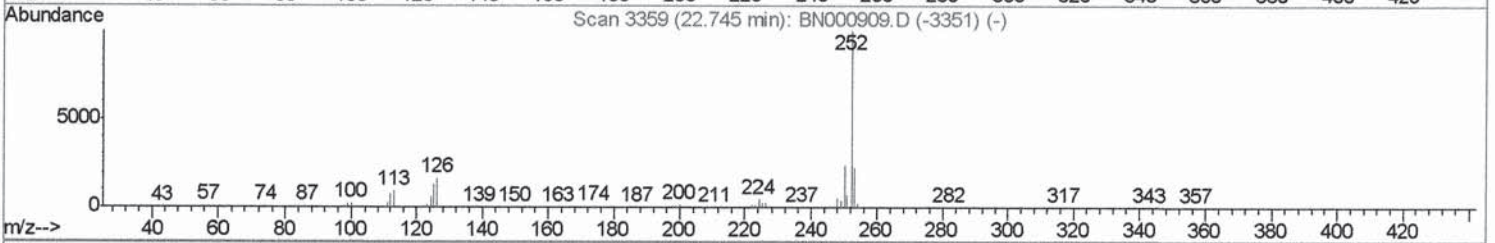
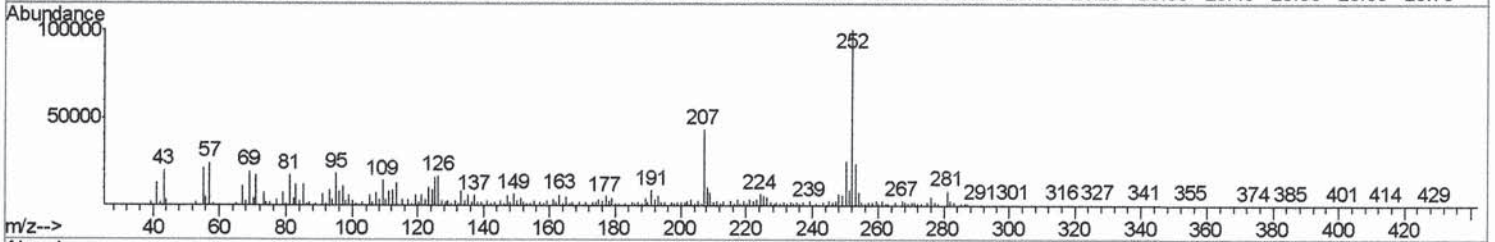
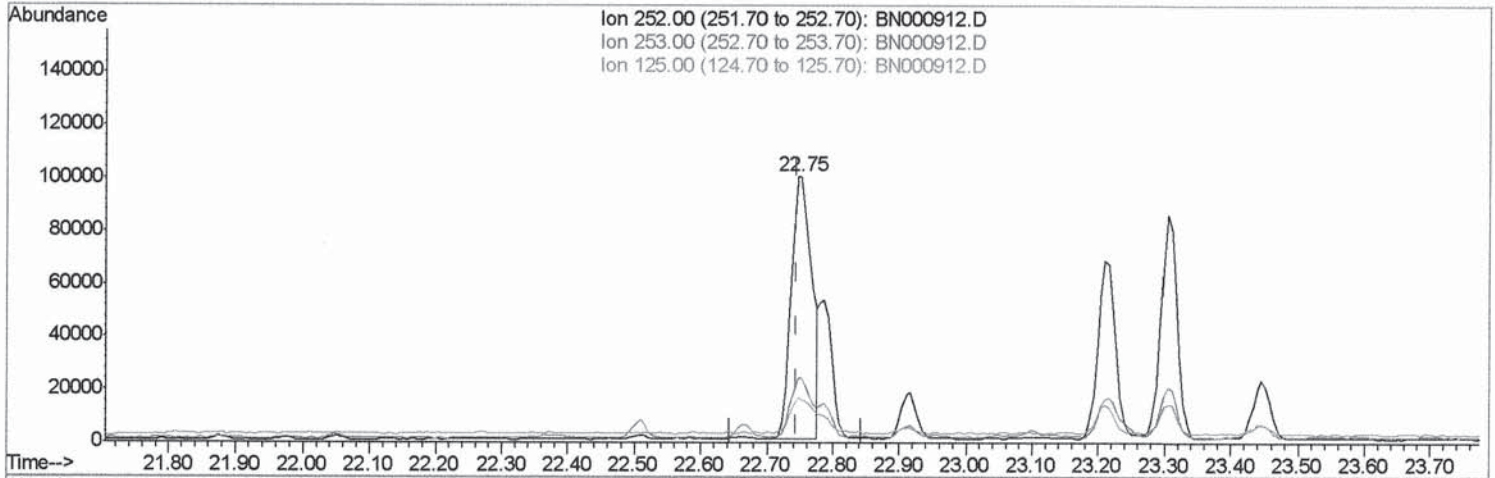
response 283007

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.00	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 7.17ng/ul m

response 215744

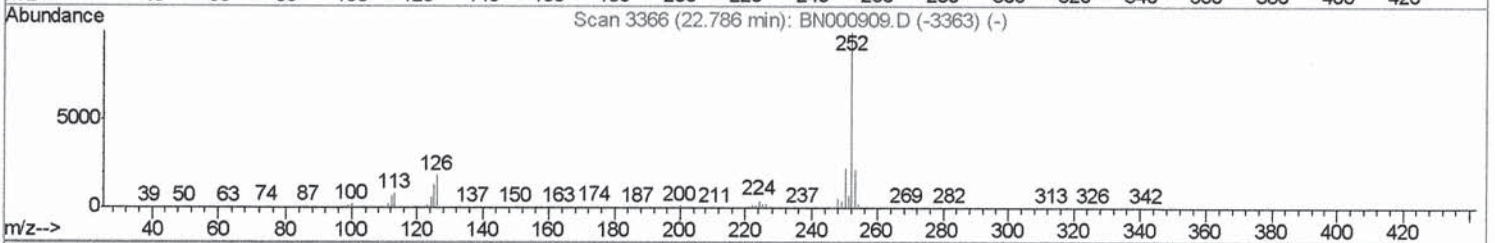
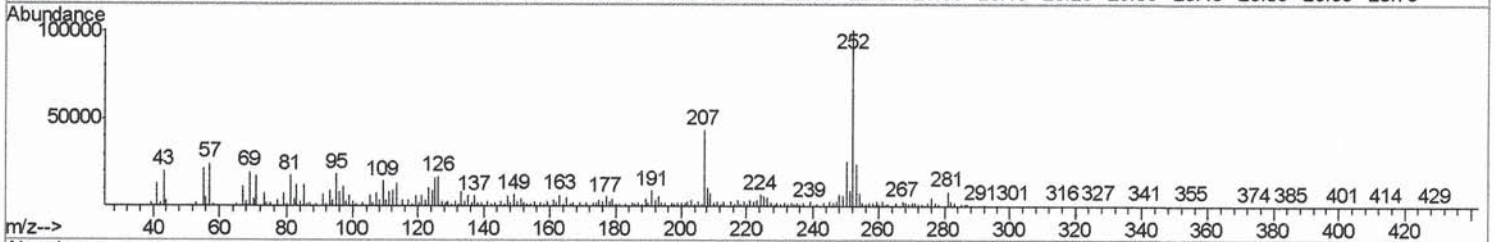
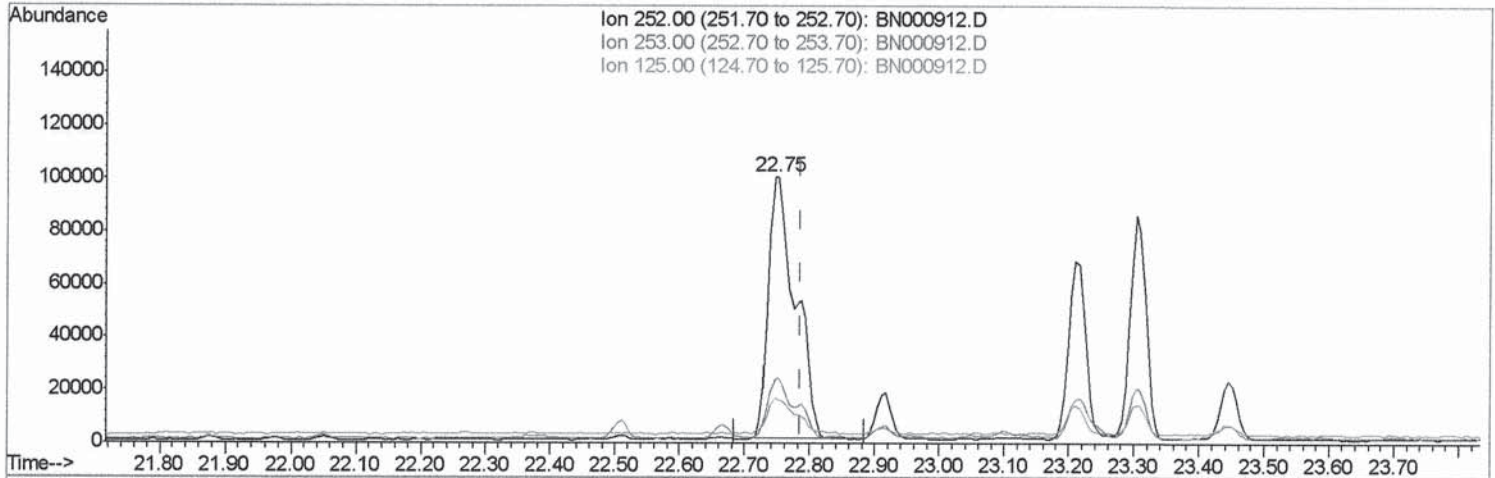
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.00	16.27#
0.00	0.00	0.00

JU 09/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(24) Benzo(k)fluoranthene

22.751min (-0.035) 9.61ng/ul

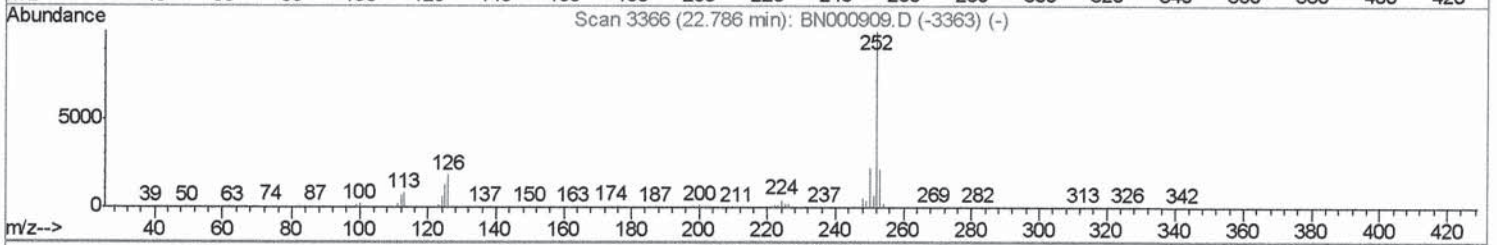
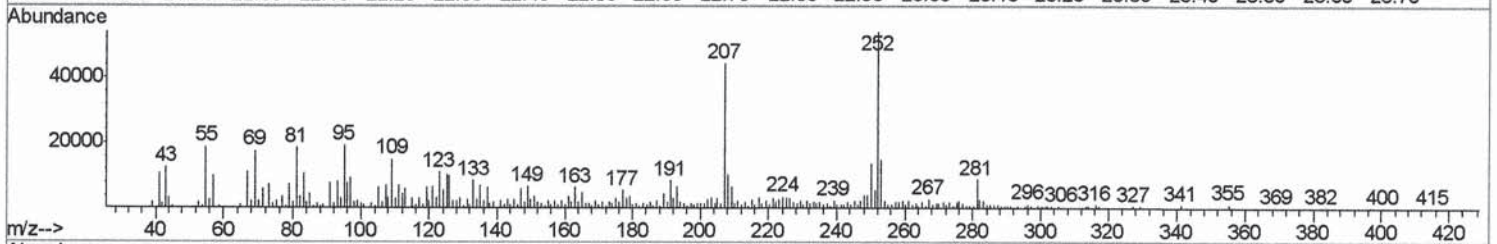
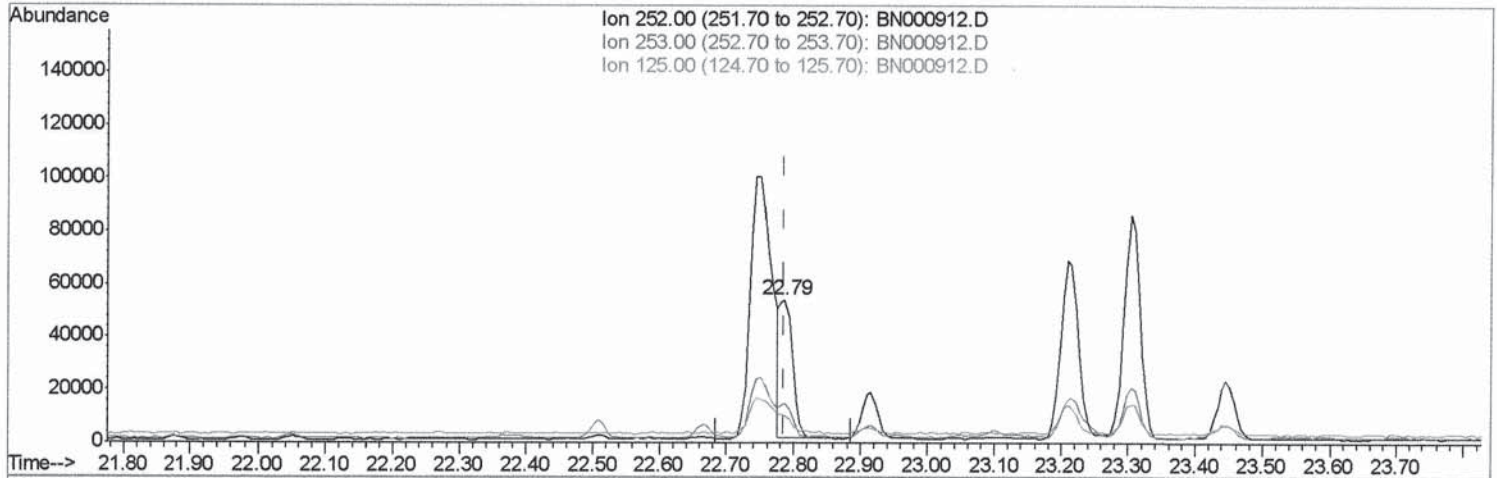
response 282852

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.10	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(24) Benzo(k)fluoranthene

22.786min (-0.000) 2.41ng/ul m

response 71079

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.78#
125.00	10.10	19.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:45:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	132264	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	567604	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282401	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	547718	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	497320	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	529448	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	642944	23.71	ng/ul	0.00
10) Fluorene-d10	15.25	176	442650	24.45	ng/ul	0.00
14) Anthracene-d10	17.10	188	632391	25.25	ng/ul	0.00
18) Pyrene-d10	19.40	212	640413	25.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	671698	26.86	ng/ul	0.00

Target Compounds

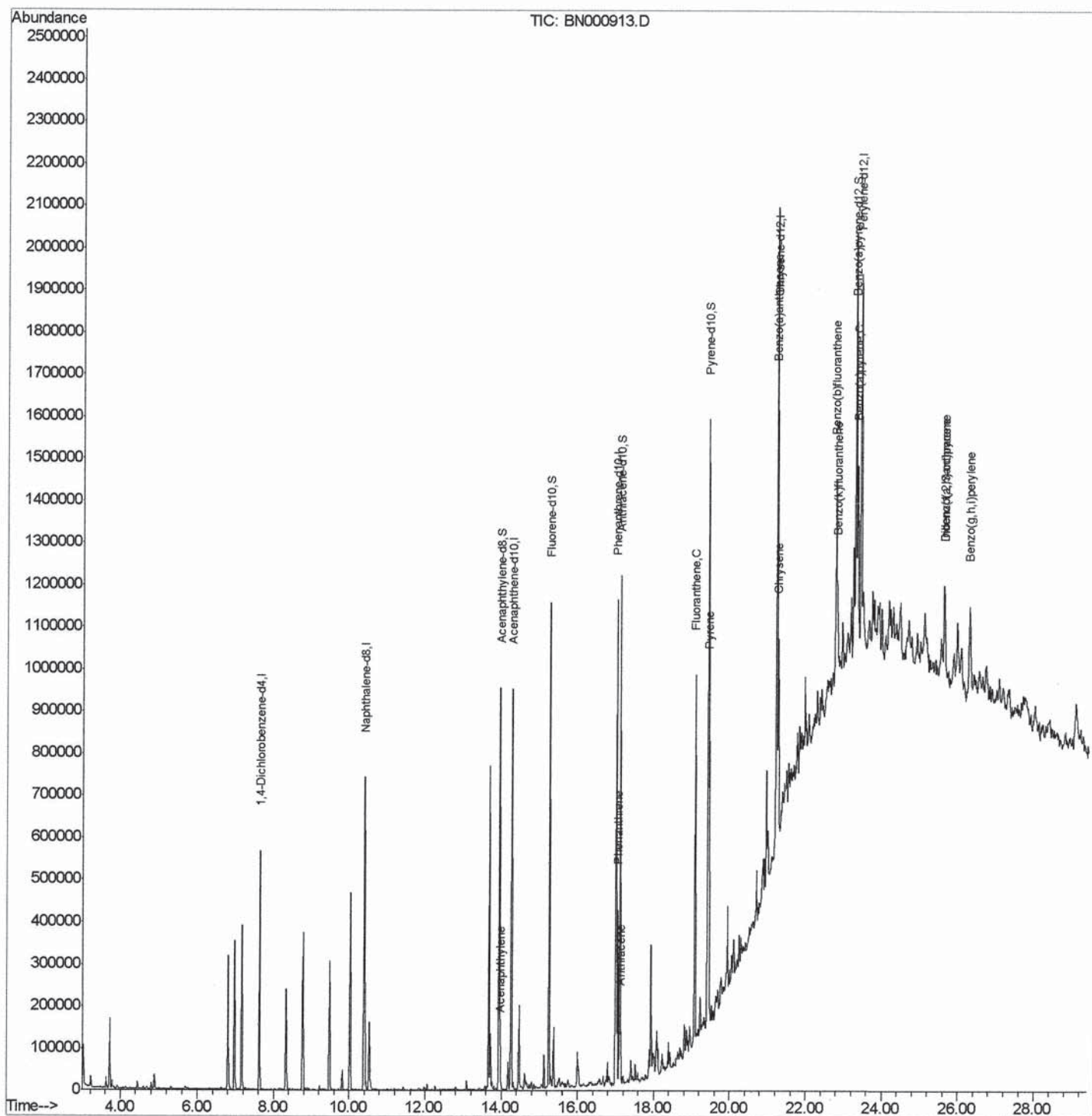
					Ovalue	
13) Phenanthrene	17.04	178	151301	5.065	ng/ul	99
16) Fluoranthene	19.06	202	316683	10.449	ng/ul#	93
19) Pyrene	19.43	202	287803	9.010	ng/ul#	92
20) Benzo(a)anthracene	21.19	228	137163m	4.614	ng/ul	
21) Chrysene	21.24	228	159204m	5.698	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	215744m	7.170	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	71079m	2.414	ng/ul	
26) Benzo(a)pyrene	23.30	252	144055	5.010	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.57	276	114809	3.306	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.59	278	30445	1.052	ng/ul#	59
29) Benzo(a,h,i)perylene	26.24	276	158911	5.471	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path   : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File   : BN000913.D
Acq On      : 26 Apr 2018   03:55
Operator    : JU/SJ
Sample      : J2444-04
Misc        :
ALS Vial    : 22      Sample Multiplier: 1
```

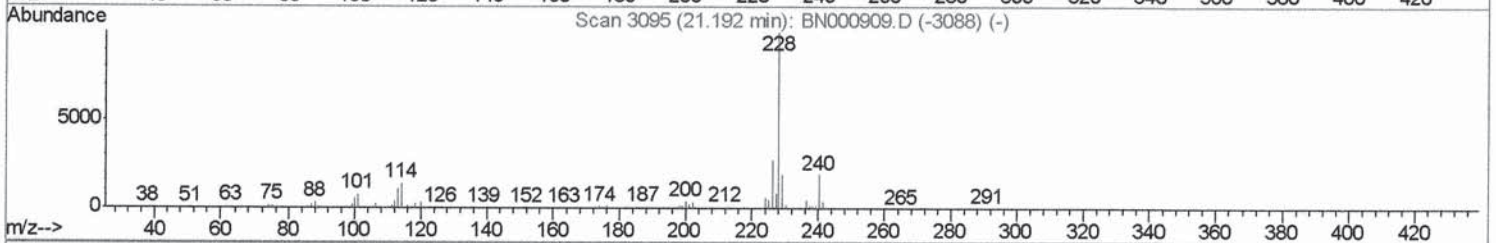
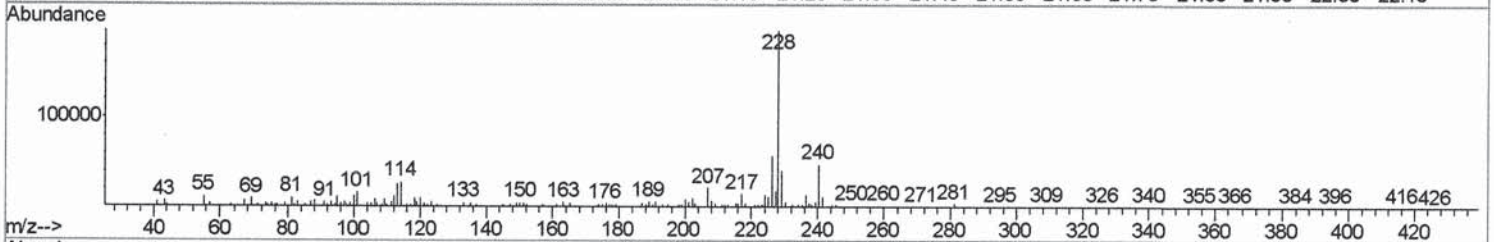
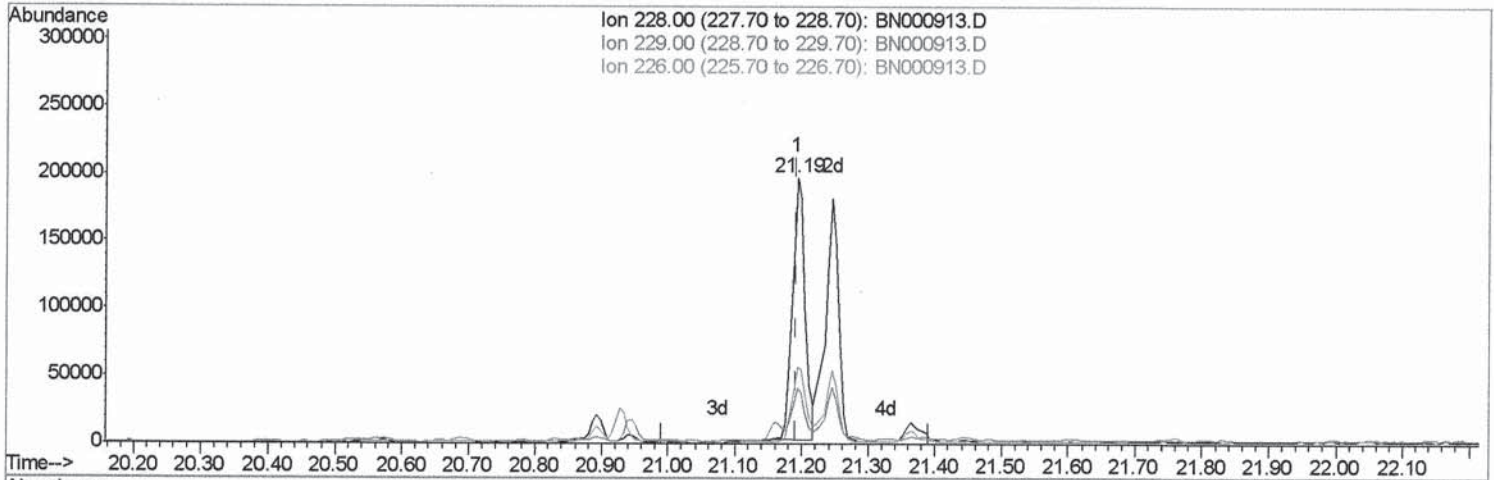
Quant Time: Apr 26 08:47:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(20) Benzo(a)anthracene

21.192min (-0.000) 7.62ng/ul

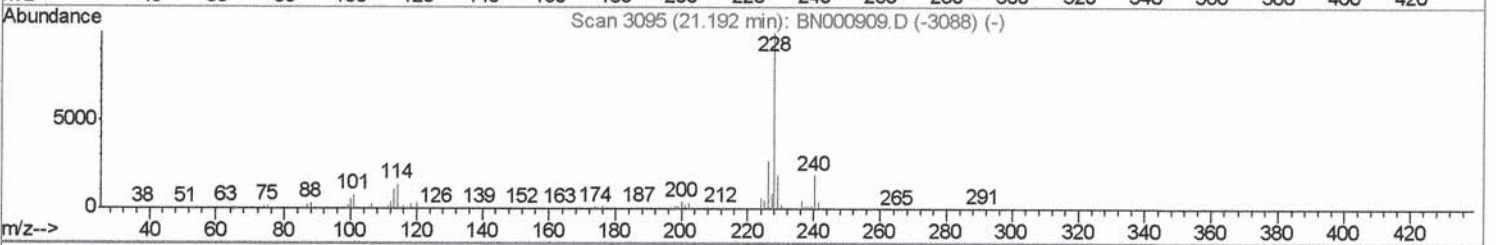
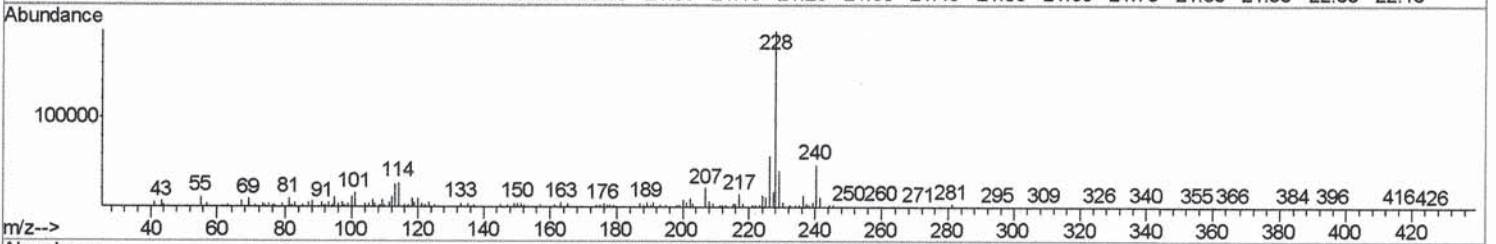
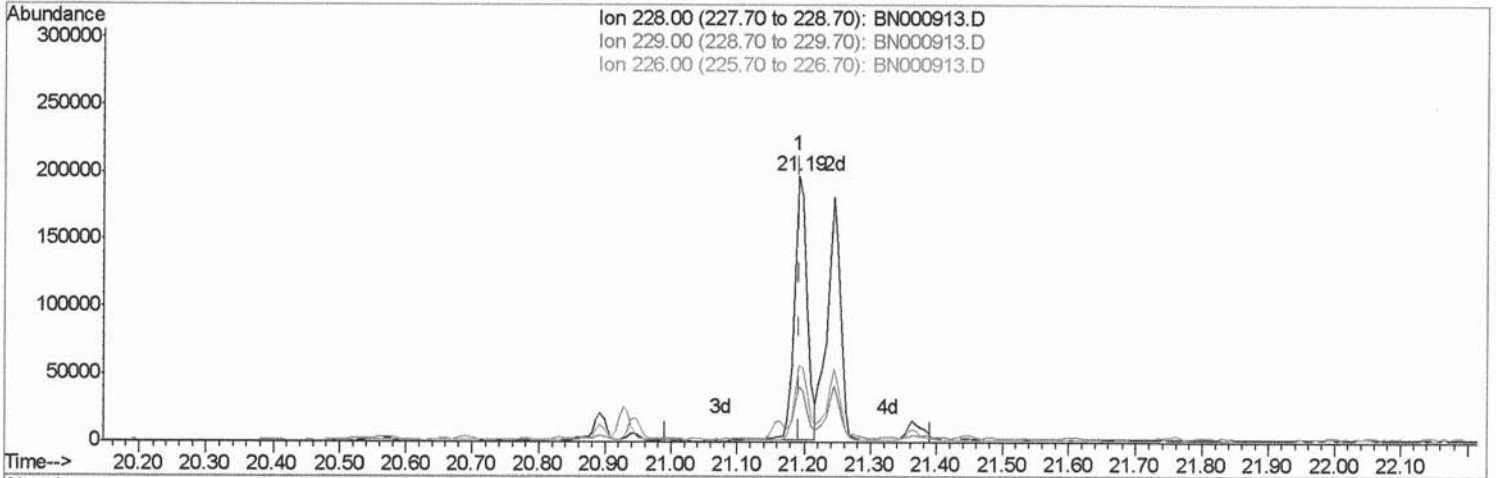
response 256639

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.75
226.00	26.40	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(20) Benzo(a)anthracene

21.192min (-0.000) 7.81ng/ul m

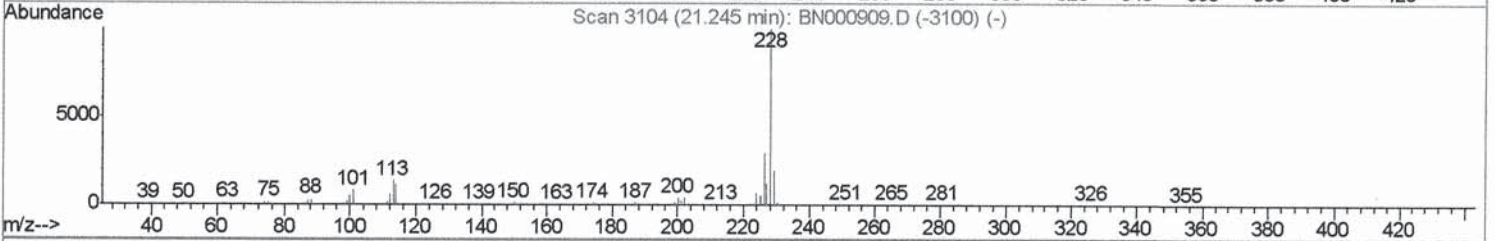
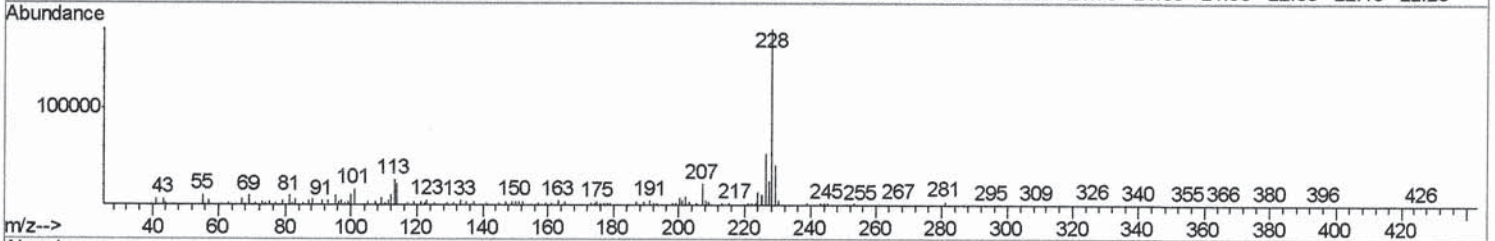
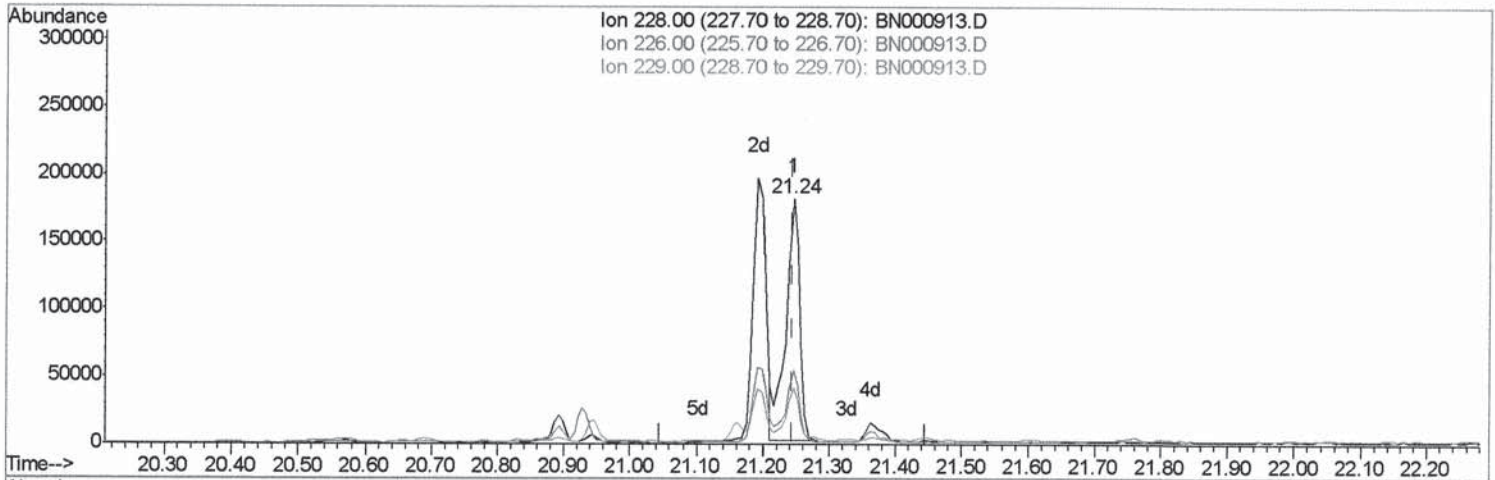
response 262919

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.75
226.00	26.40	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(21) Chrysene

21.245min (-0.000) 8.17ng/ul

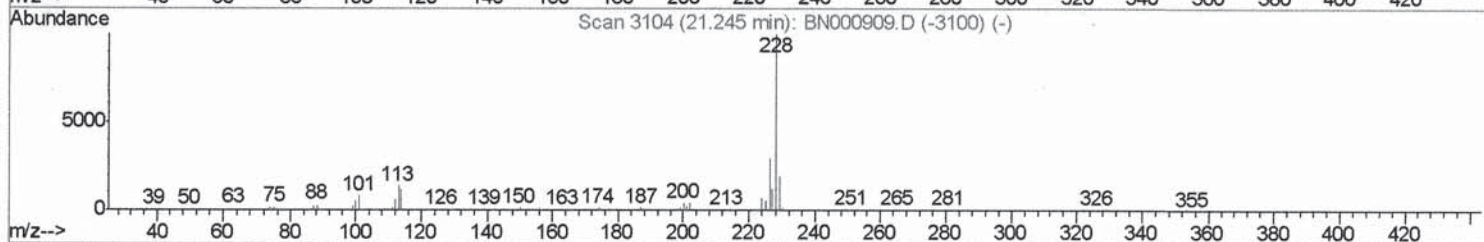
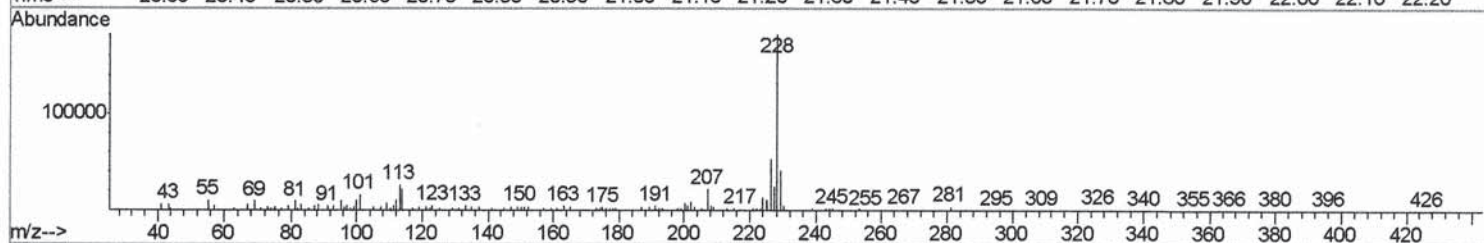
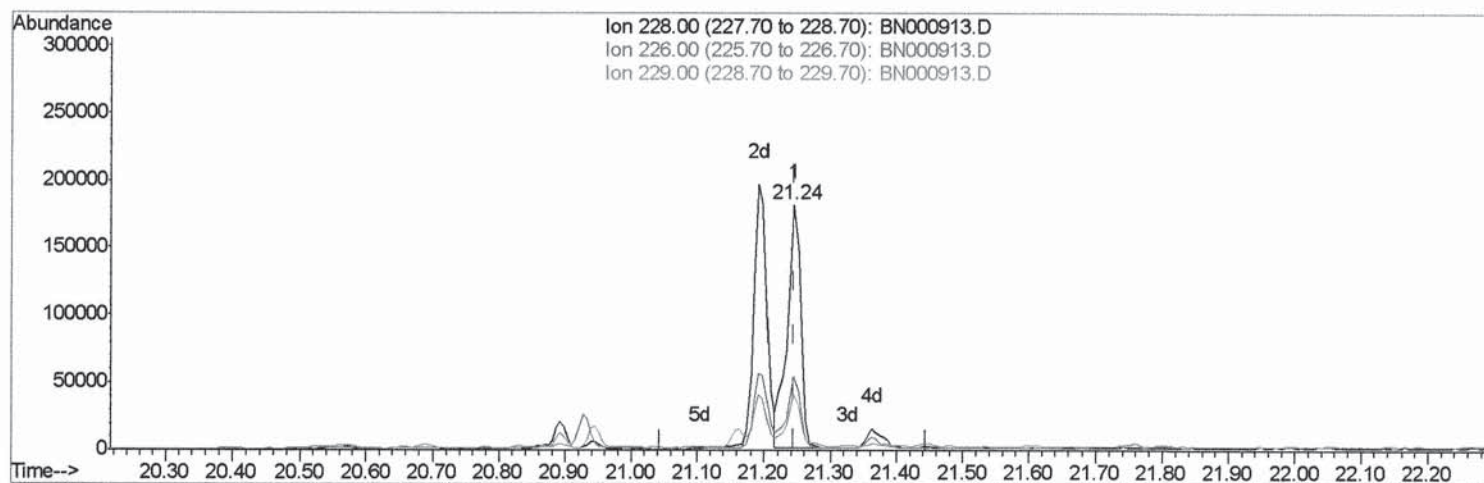
response 258621

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.93
229.00	19.80	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(21) Chrysene

21.245min (-0.000) 8.04ng/ul m

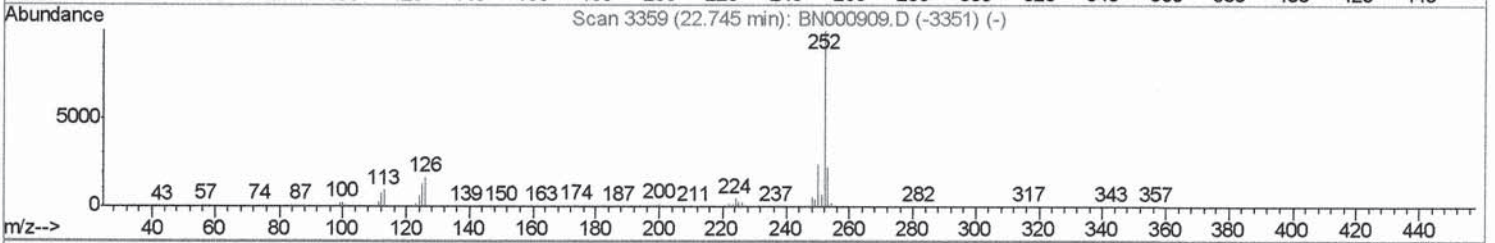
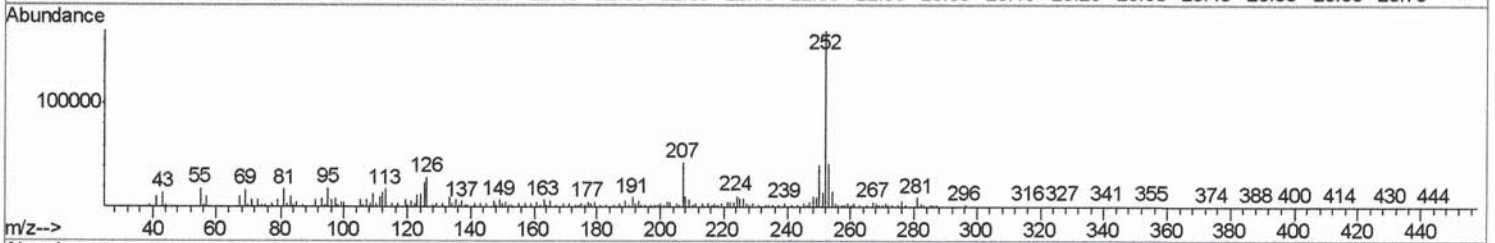
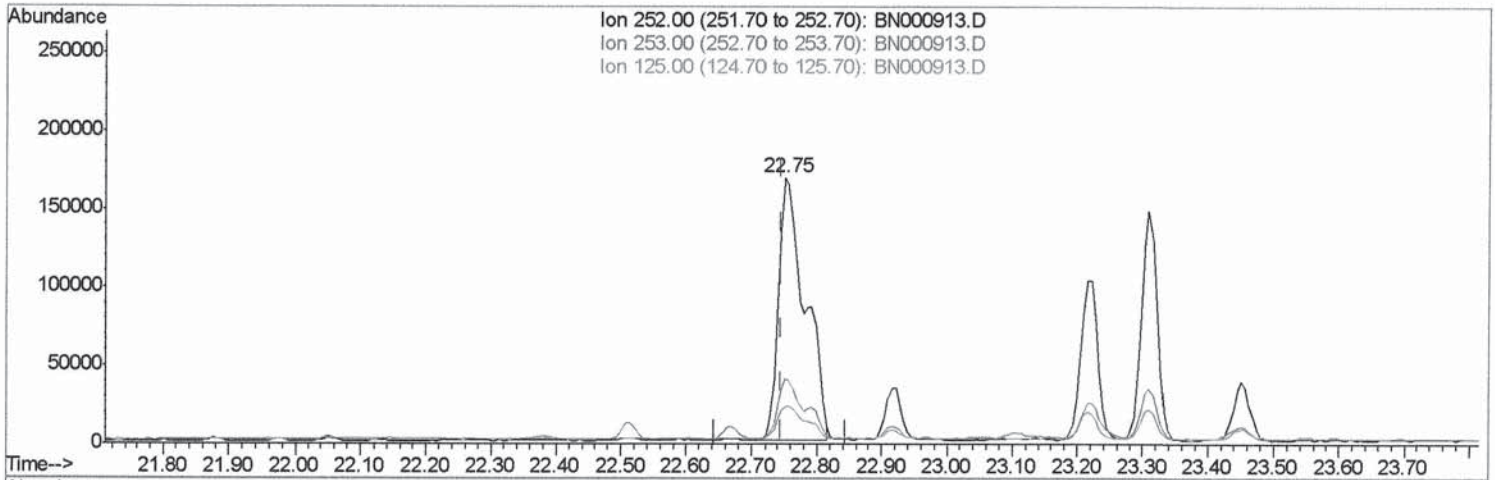
response 254394

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.93
229.00	19.80	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 13.95ng/ul

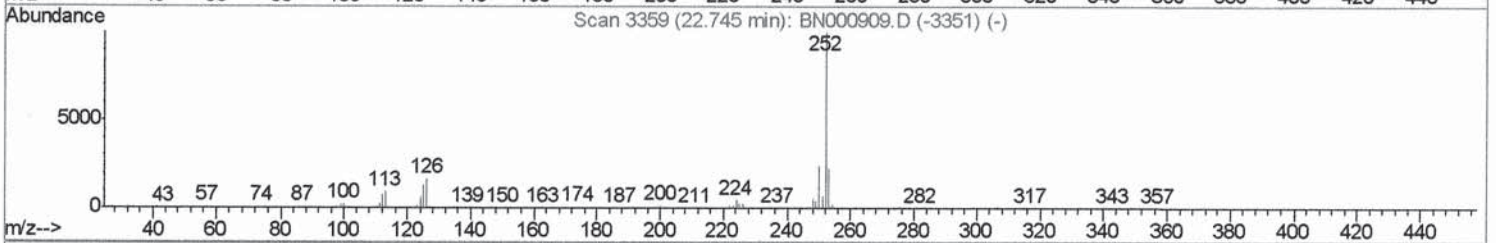
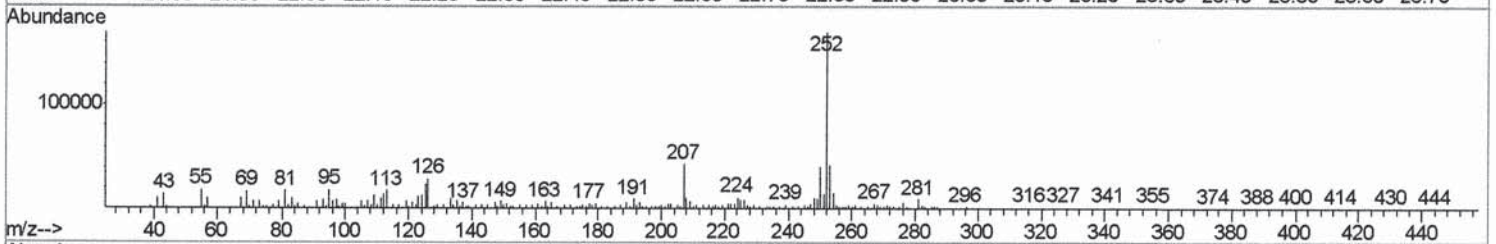
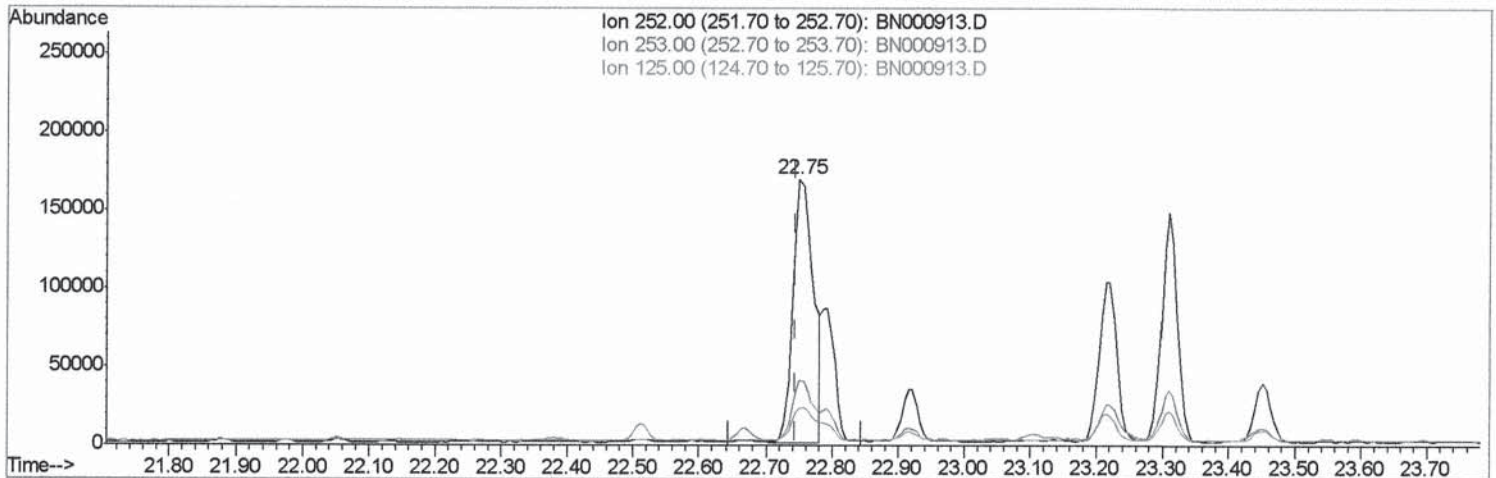
response 474878

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.00	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 10.67ng/ul m

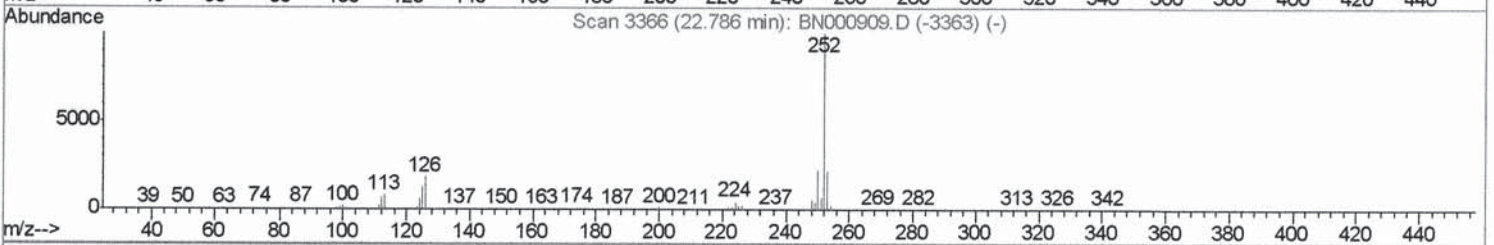
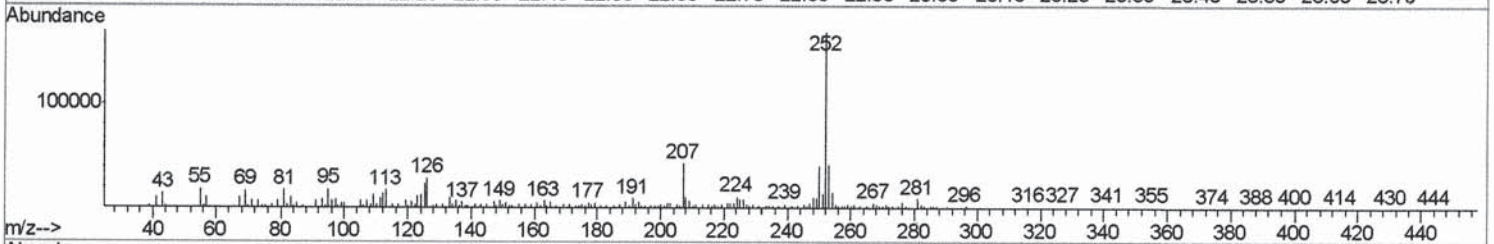
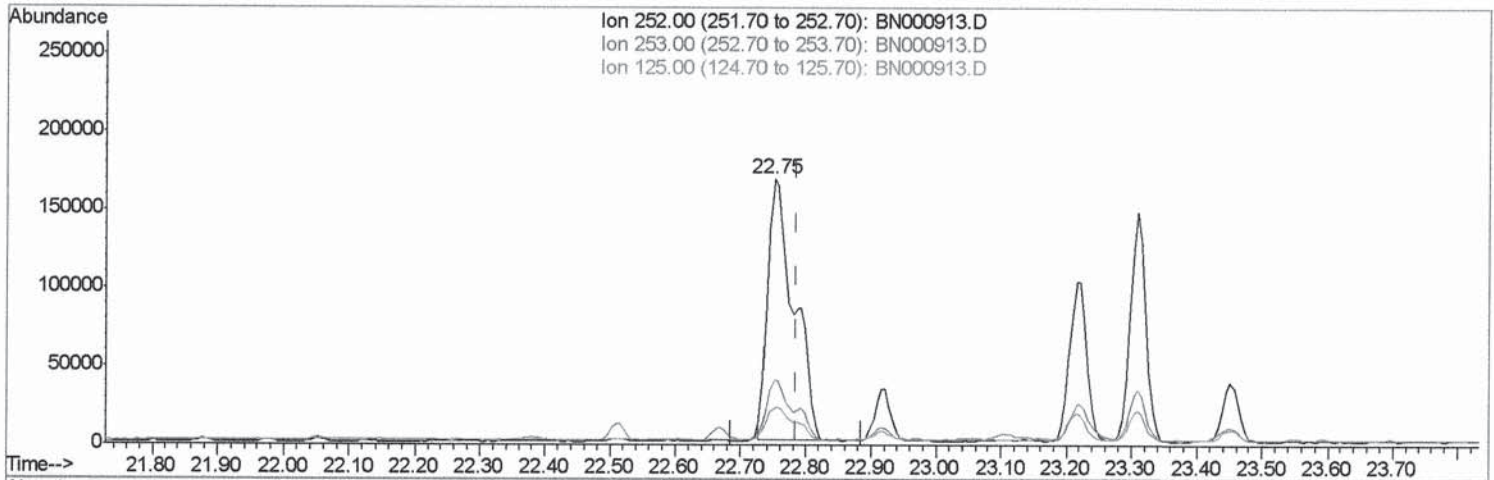
response 363160

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.00	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(24) Benzo(k)fluoranthene

22.751min (-0.036) 13.96ng/ul

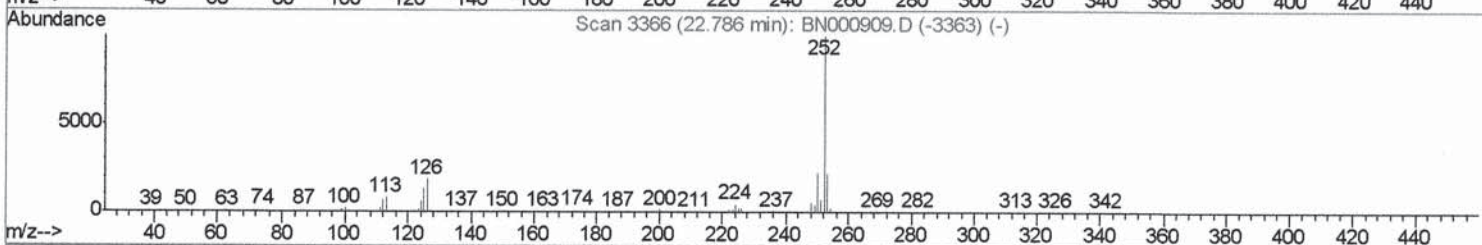
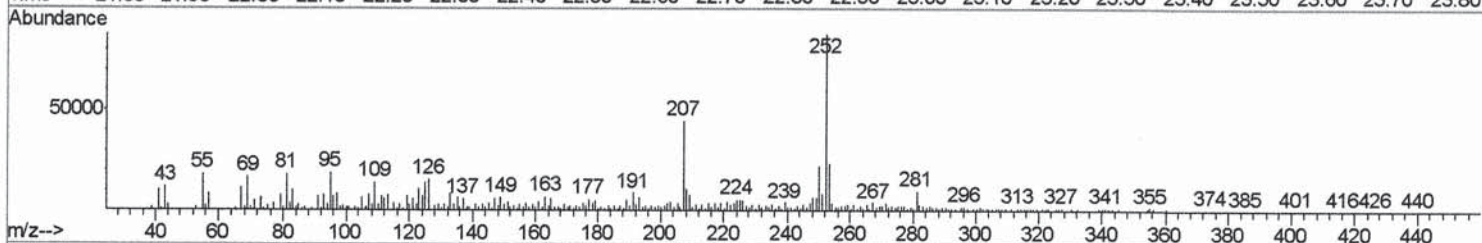
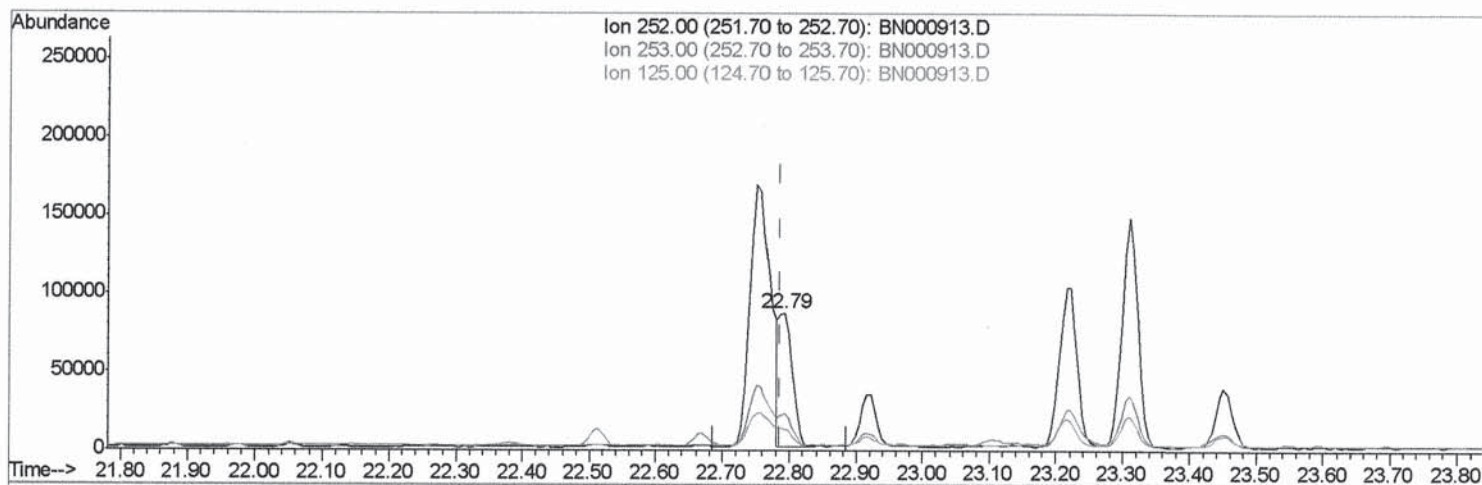
response 465197

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.10	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 3.50ng/ul m

response 116586

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.81
125.00	10.10	16.09#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

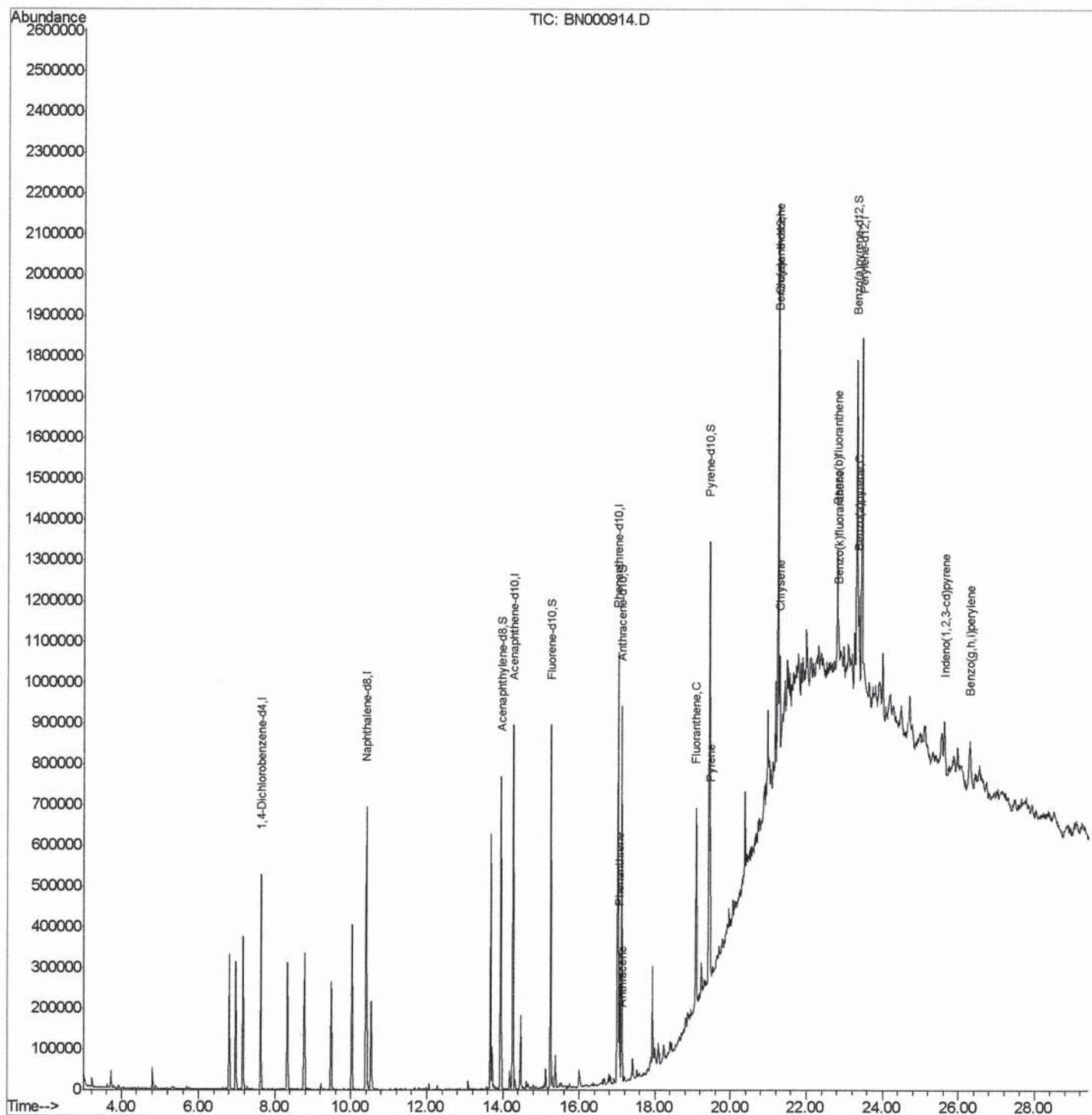
Quant Time: Apr 26 08:47:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141542	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	586477	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	298879	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	605443	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	563236	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	599177	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	589969	20.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	417903	21.81	ng/ul	0.00
14) Anthracene-d10	17.10	188	615633	22.24	ng/ul	0.00
18) Pylene-d10	19.40	212	642424	22.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	671342	23.72	ng/ul	0.01
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	30395	1.070	ng/ul	98
13) Phenanthrene	17.05	178	226408	6.856	ng/ul	99
15) Anthracene	17.13	178	67536	2.039	ng/ul	98
16) Fluoranthene	19.07	202	459167	13.705	ng/ul#	94
19) Pyrene	19.43	202	420042	11.611	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	262919m	7.809	ng/ul	} 204/27/15
21) Chrysene	21.24	228	254394m	8.039	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	363160m	10.665	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	116586m	3.499	ng/ul	
26) Benzo(a)pyrene	23.31	252	241387	7.418	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	25.59	276	168748	4.293	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.59	278	48397	1.477	ng/ul#	87
29) Benzo(a,h,i)perylene	26.26	276	181105	5.509	ng/ul#	69
						89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000914.D
Acq On : 26 Apr 2018 04:30
Operator : JU/SJ
Sample : J2443-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

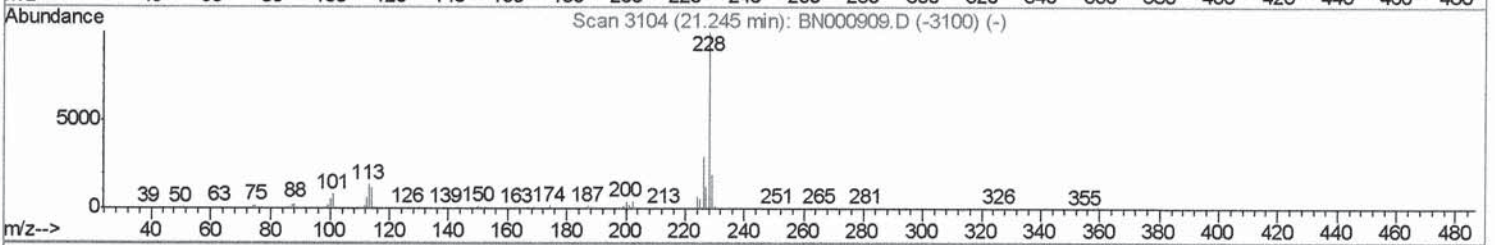
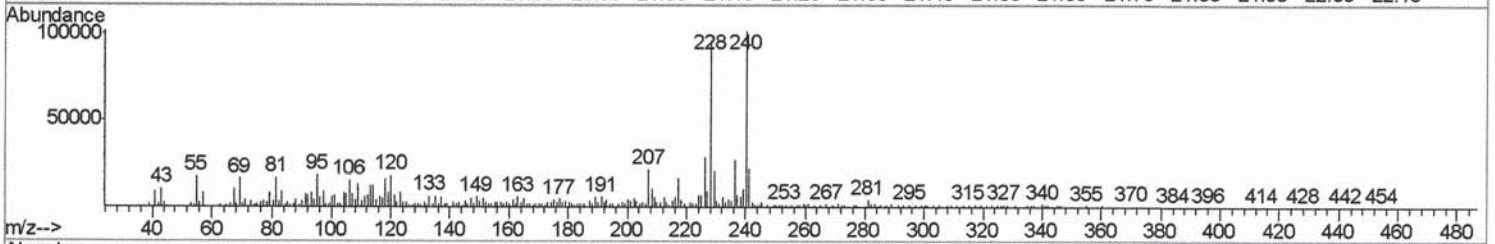
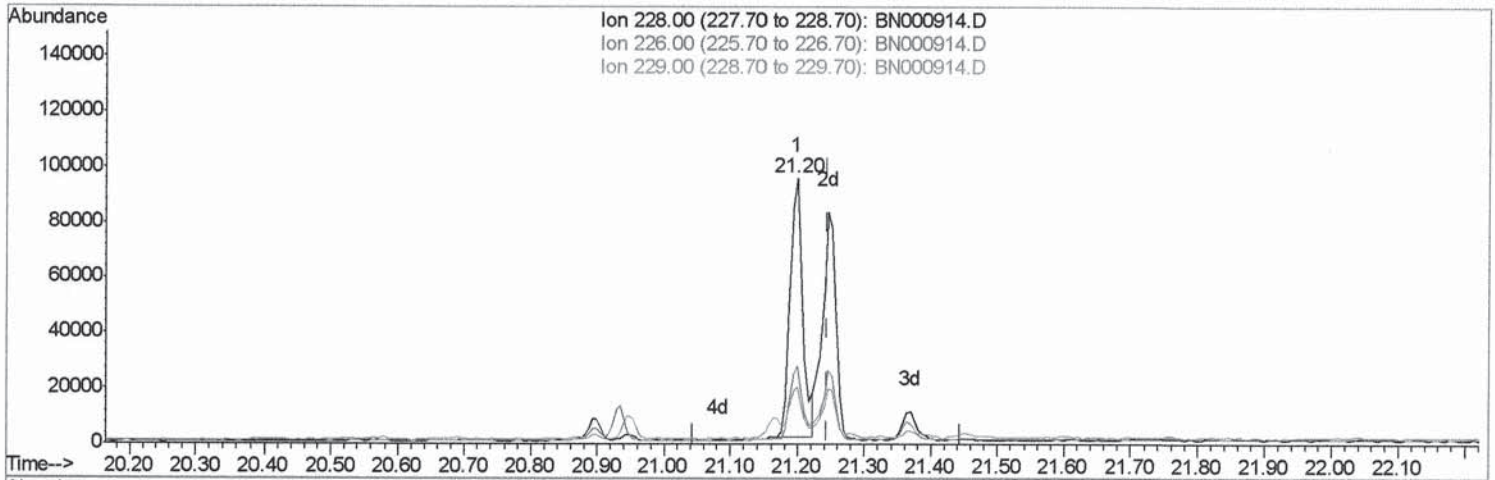
Quant Time: Apr 26 08:50:09 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(21) Chrysene

21.198min (-0.047) 4.36ng/ul

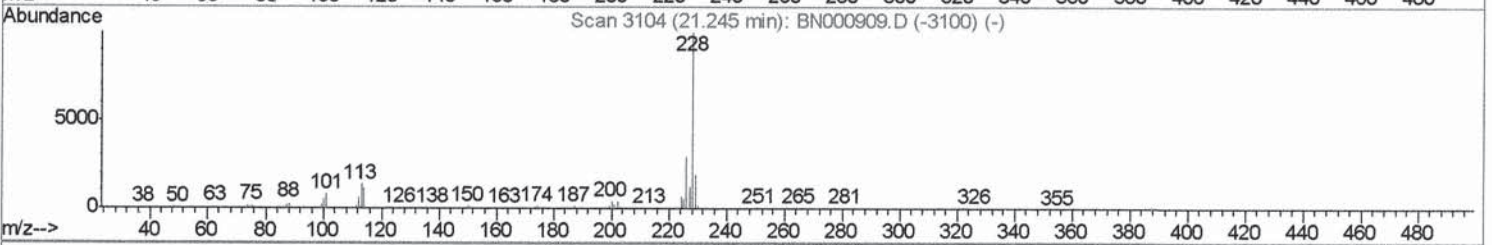
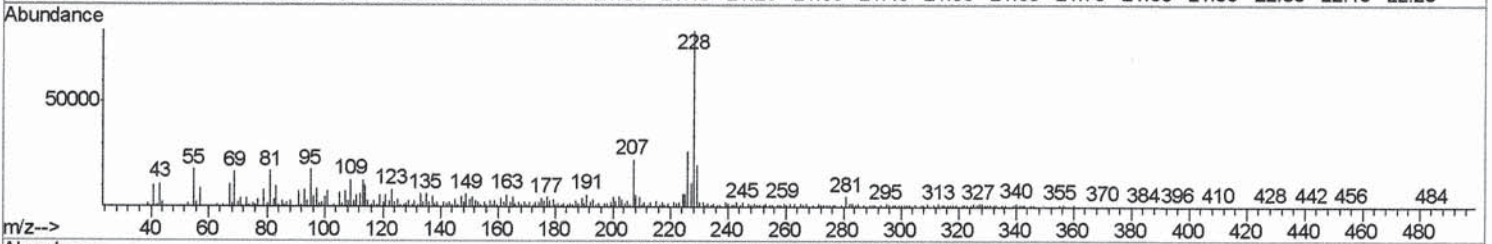
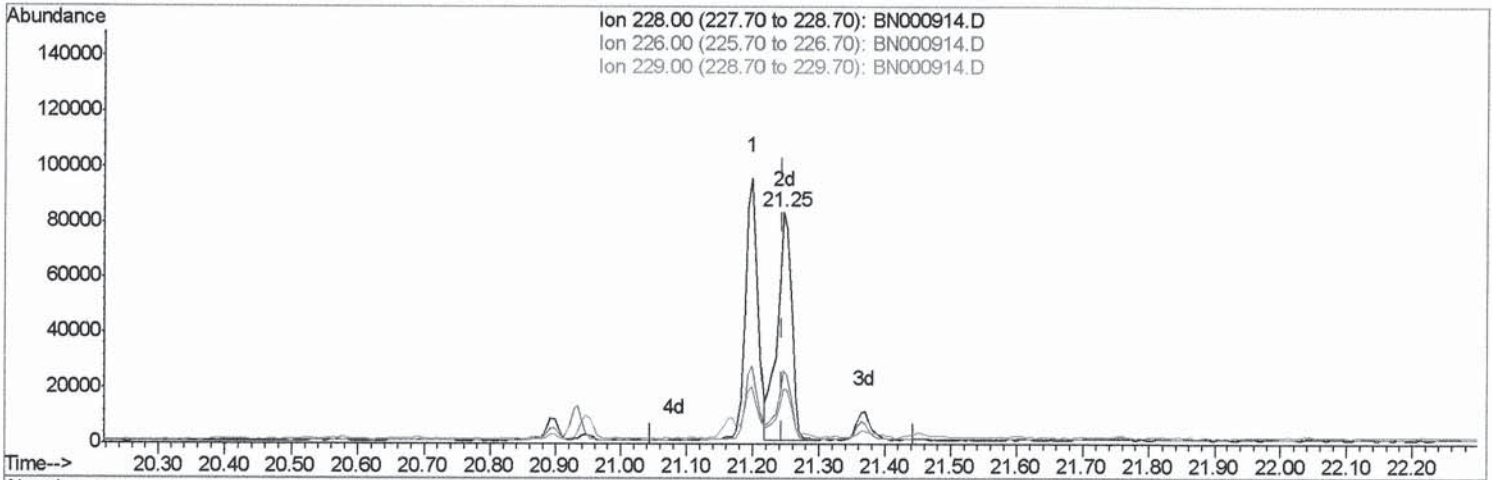
response 125210

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.76
229.00	19.80	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(21) Chrysene

21.245min (+0.000) 4.35ng/ul m

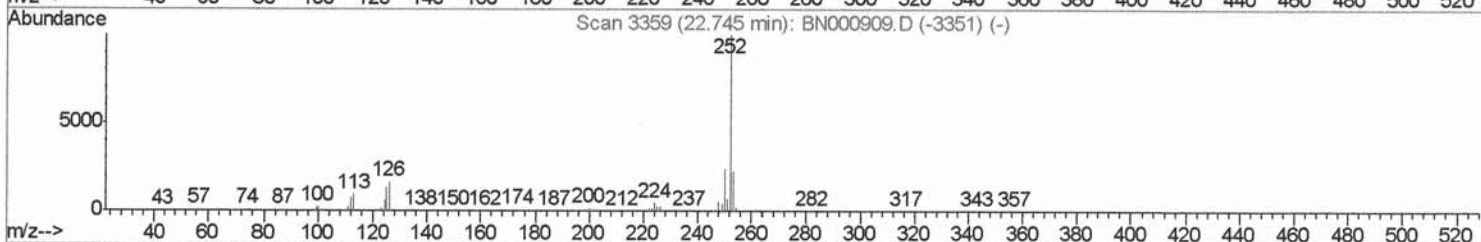
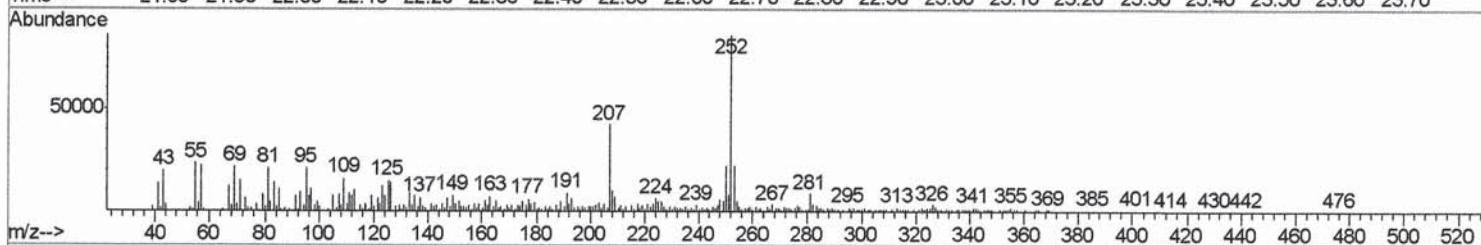
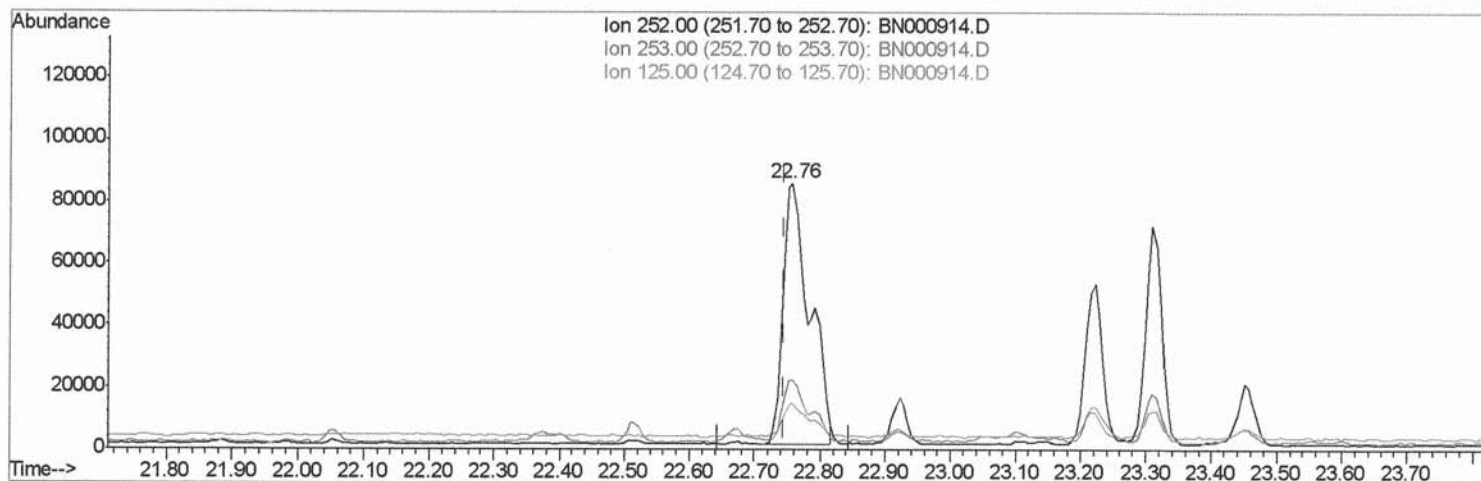
response 124922

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.83
229.00	19.80	24.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 7.40ng/ul

response 237082

Ion Exp% Act%

252.00 100 100

253.00 22.50 26.38

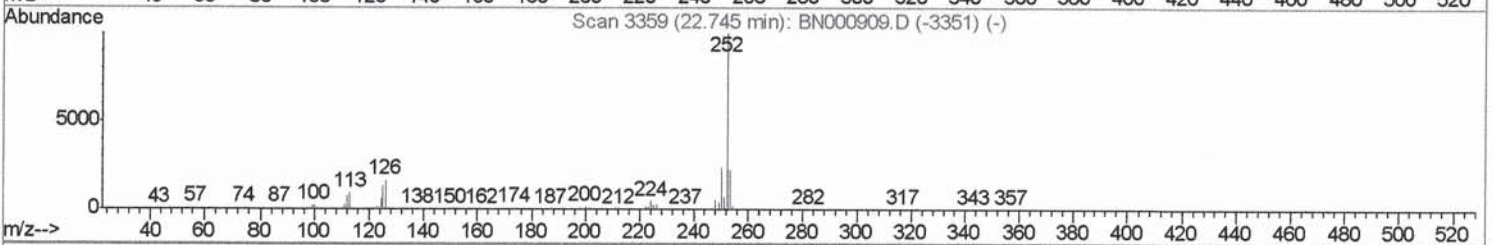
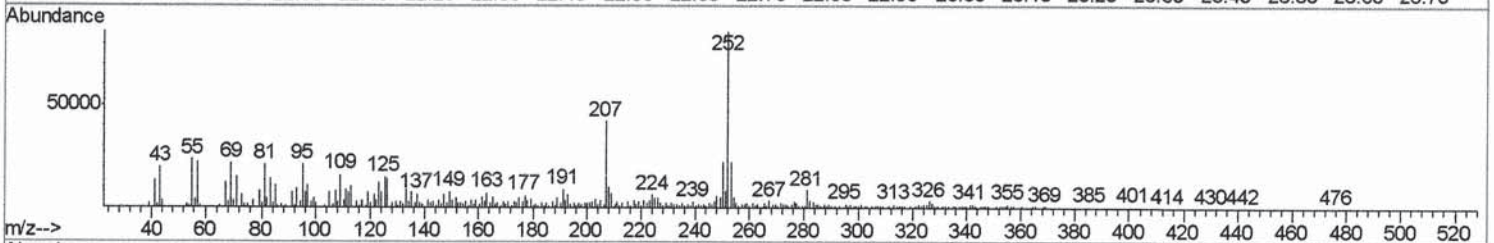
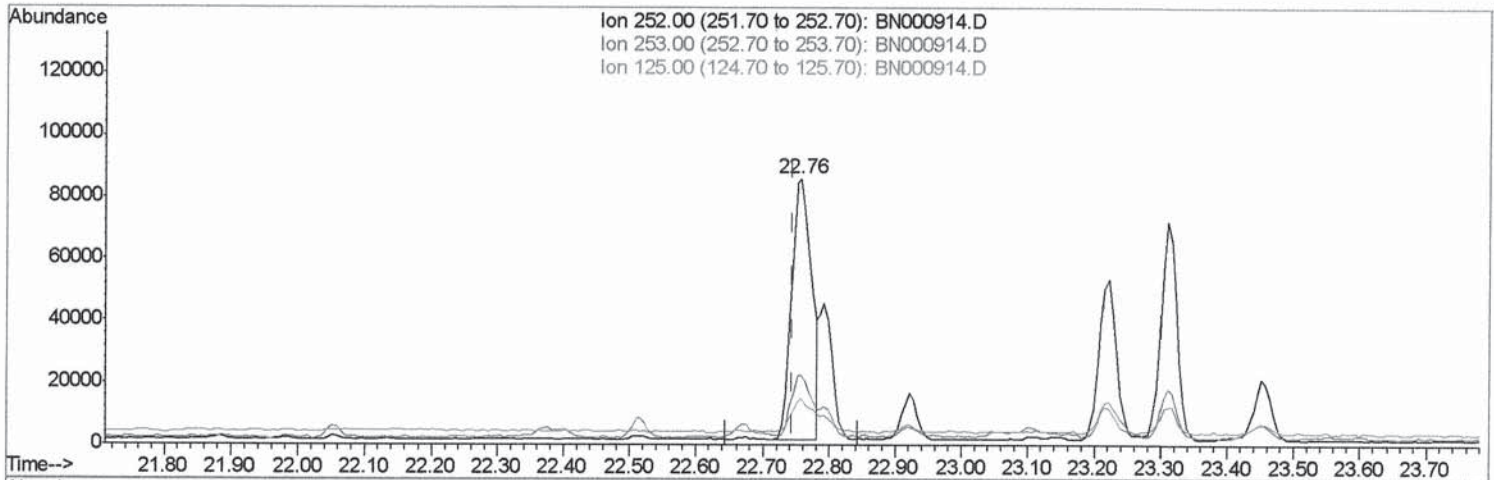
125.00 10.00 17.57#

0.00 0.00 0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 5.55ng/ul m

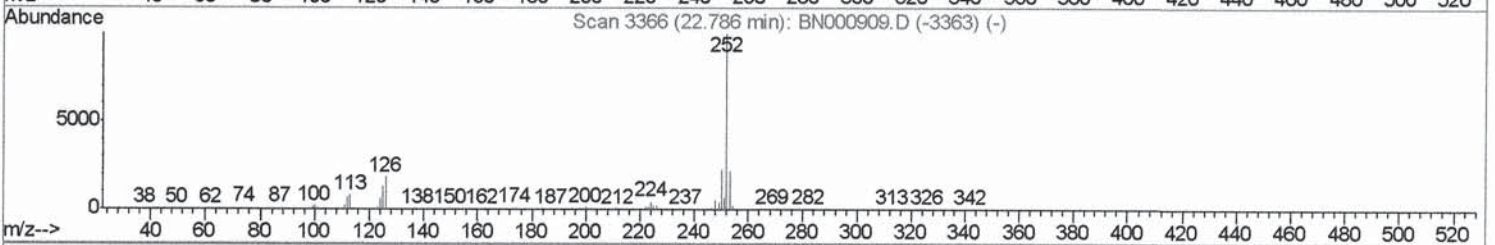
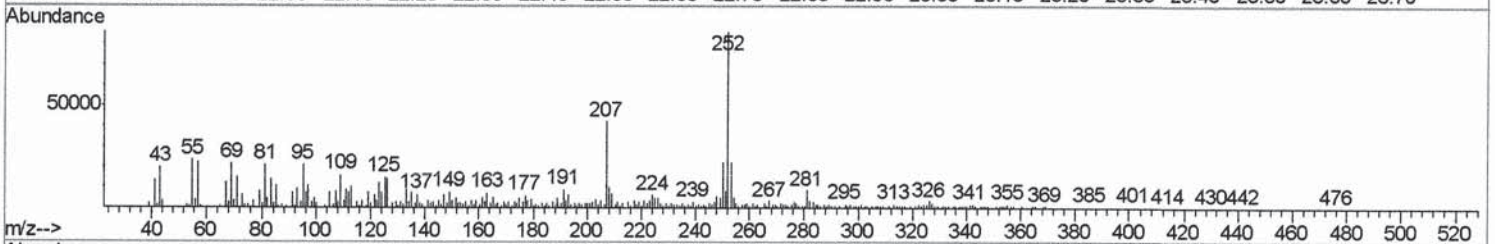
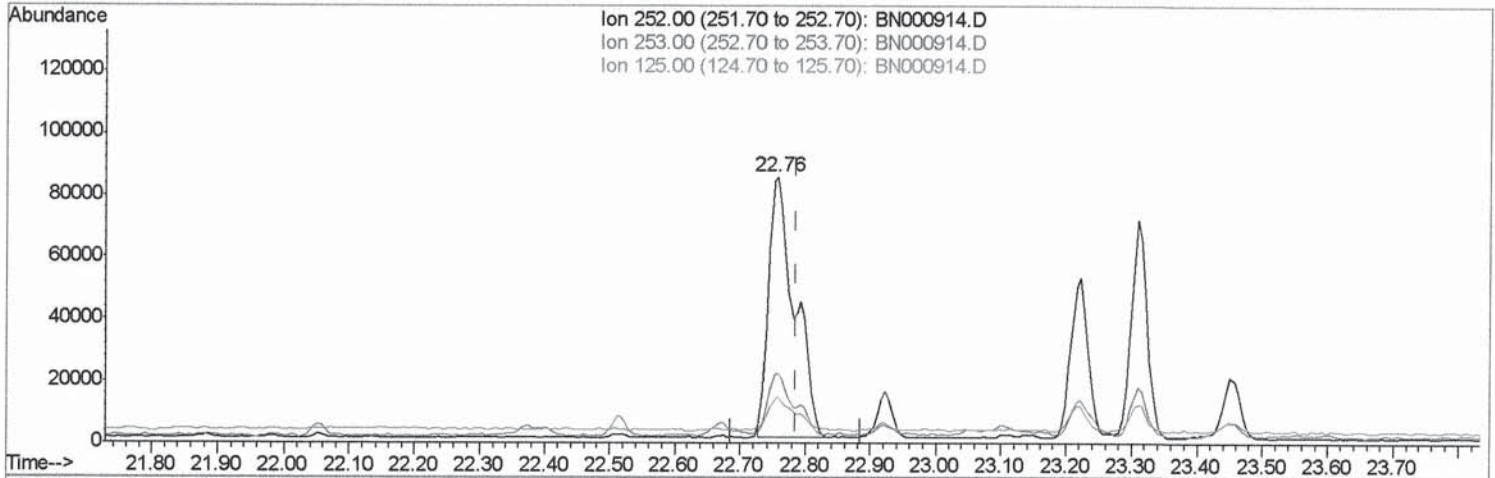
response 177943

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.38
125.00	10.00	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 7.50ng/ui

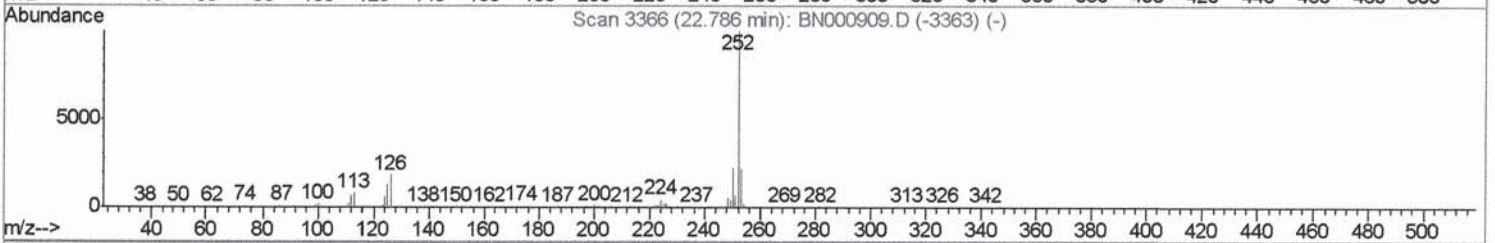
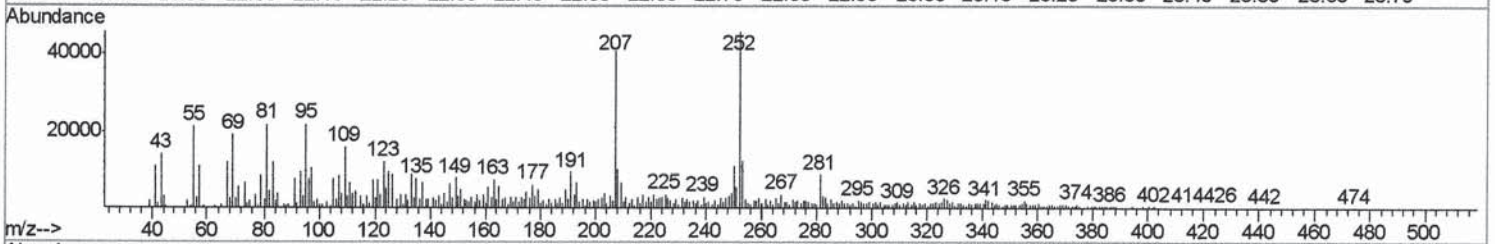
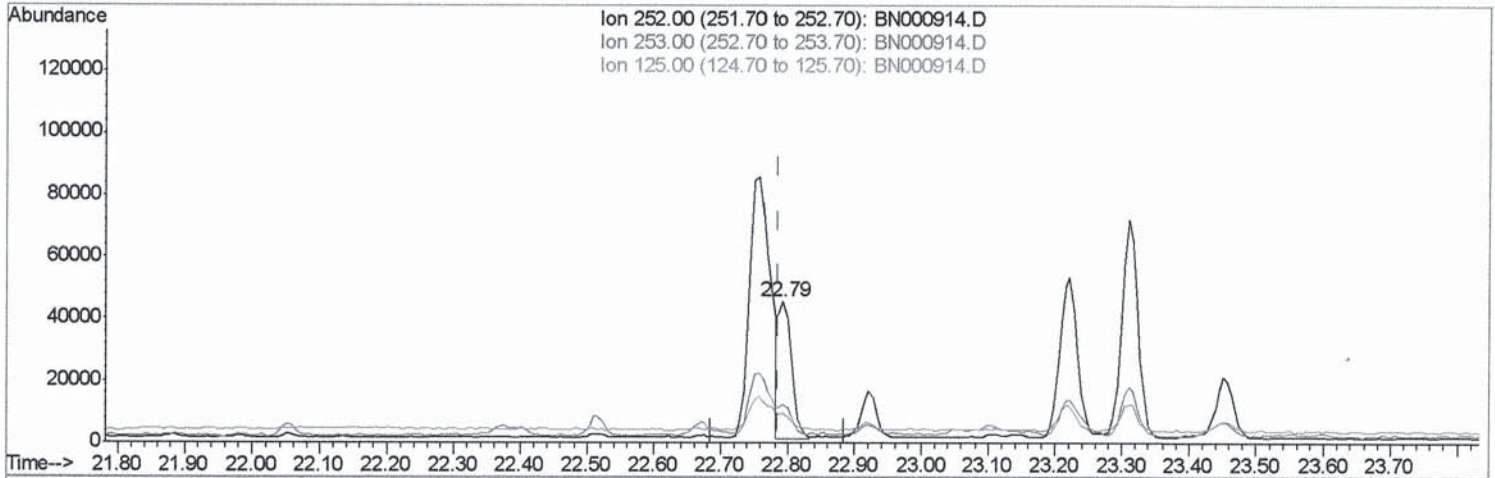
response 235084

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.38
125.00	10.10	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 2.00ng/ul m

response 62757

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.39#
125.00	10.10	21.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:50:09 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	135368	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	554801	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	275282	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	554528	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	511082	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	563701	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	511049	19.33	ng/ul	0.00
10) Fluorene-d10	15.25	176	328880	18.64	ng/ul	0.00
14) Anthracene-d10	17.10	188	462535	18.24	ng/ul	0.00
18) Pyrene-d10	19.41	212	485230	18.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	466754	17.53	ng/ul	0.01

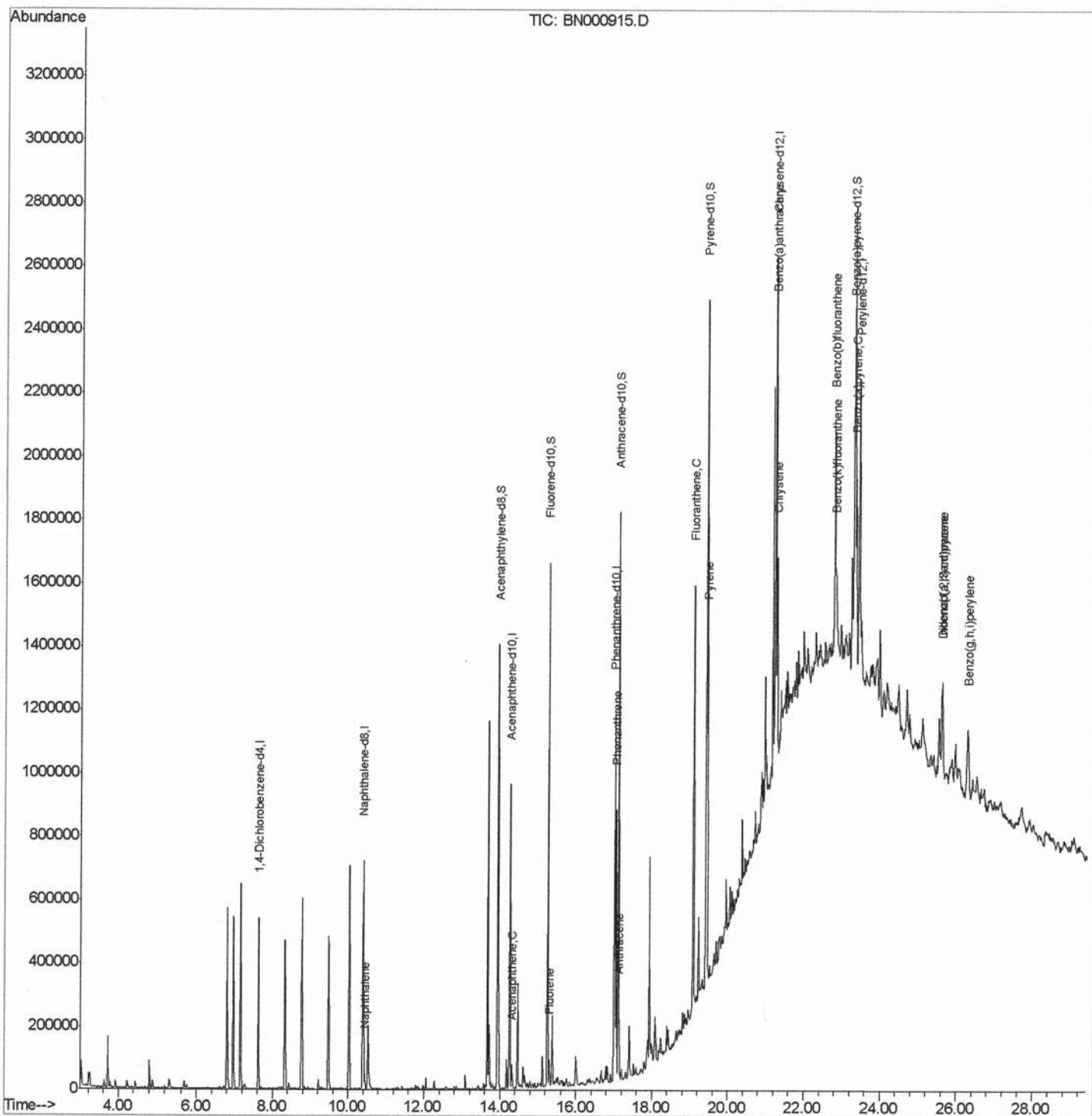
Target Compounds

					Ovalue	
13) Phenanthrene	17.05	178	170428	5.635	ng/ul	99
15) Anthracene	17.14	178	37612	1.240	ng/ul	99
16) Fluoranthene	19.07	202	264370	8.616	ng/ul#	93
19) Pyrene	19.44	202	211422	6.440	ng/ul#	94
20) Benzo(a)anthracene	21.20	228	123915	4.056	ng/ul	94
21) Chrysene	21.25	228	124922m	4.350	ng/ul	} Ju04/27/18
23) Benzo(b)fluoranthene	22.76	252	177943m	5.555	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	62757m	2.002	ng/ul	
26) Benzo(a)pyrene	23.31	252	118030	3.855	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.59	276	96178	2.601	ng/ul#	84
29) Benzo(a,h,i)perylene	26.25	276	102308	3.308	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000915.D
Acq On : 26 Apr 2018 05:05
Operator : JU/SJ
Sample : J2443-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

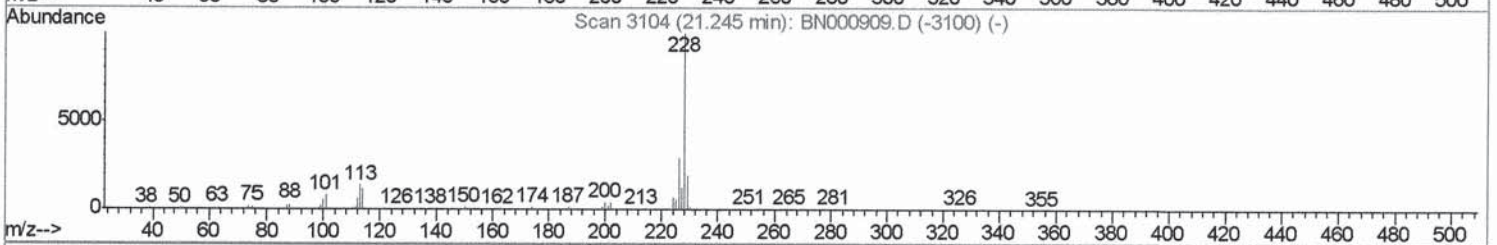
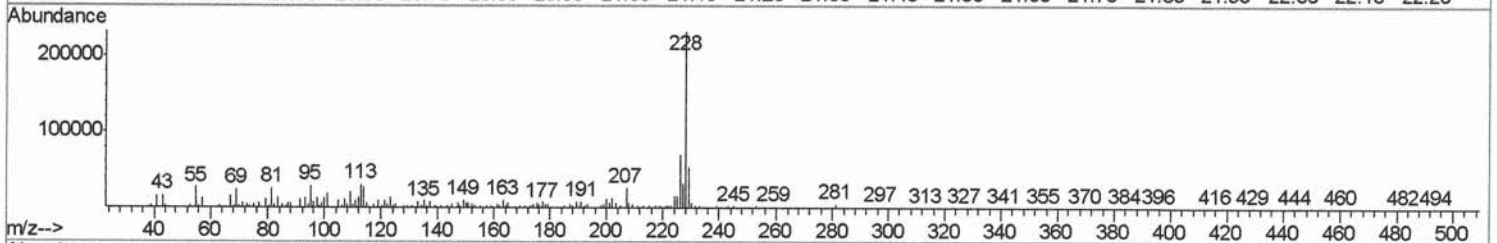
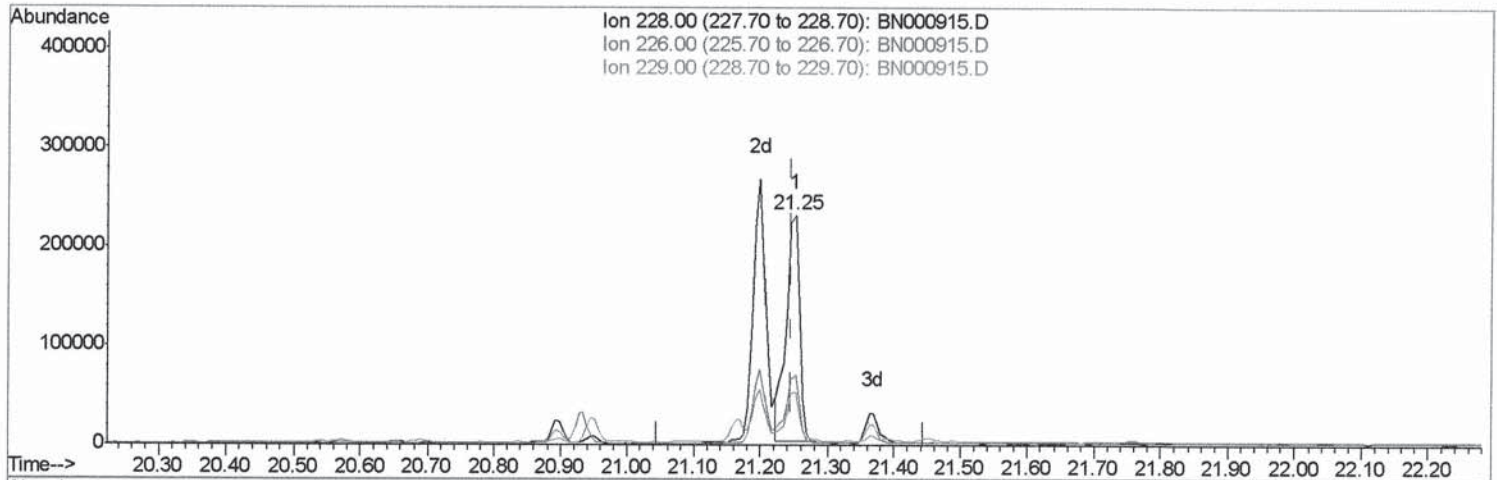
Quant Time: Apr 26 08:52:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(21) Chrysene

21.251min (+0.006) 10.30ng/ui

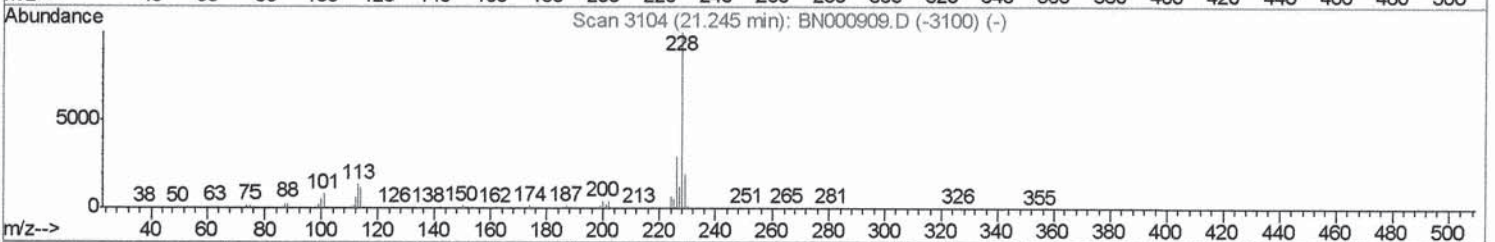
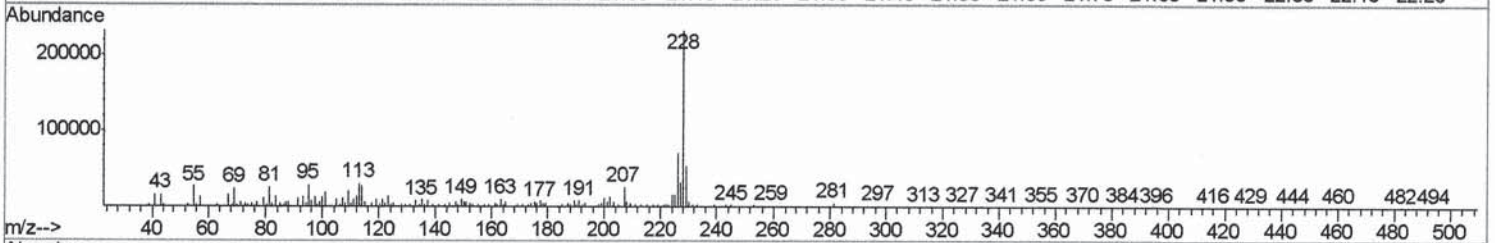
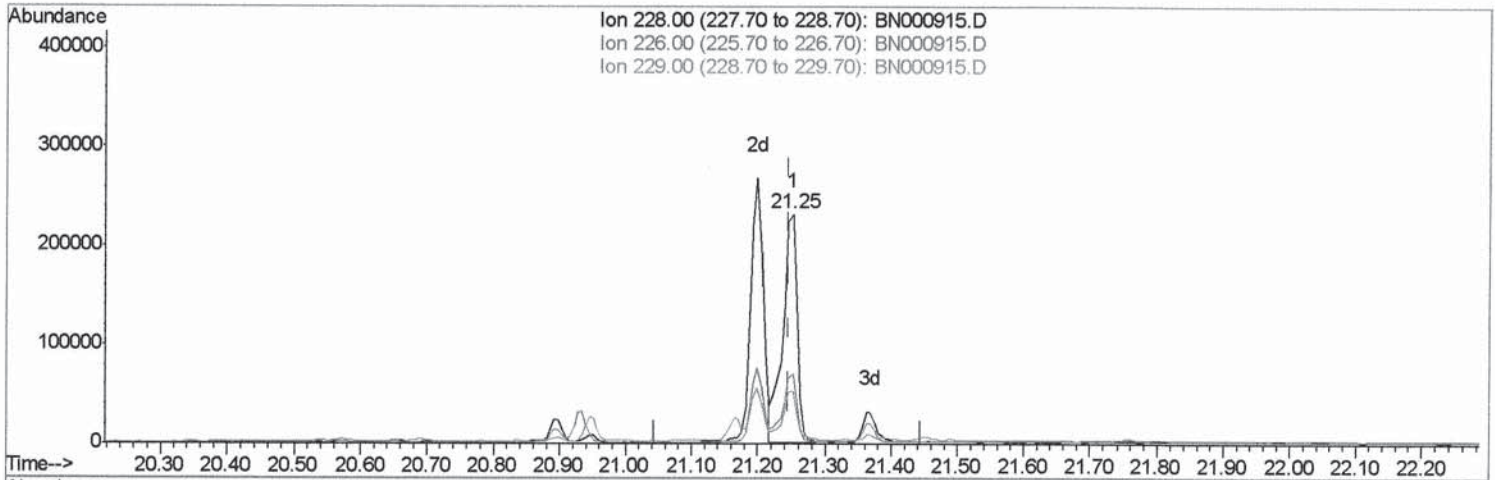
response 318805

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.43
229.00	19.80	23.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(21) Chrysene

21.251min (+0.006) 11.19ng/ul m

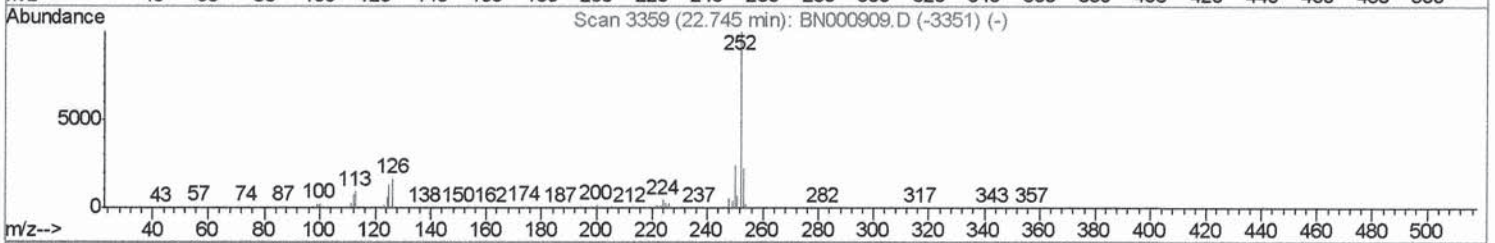
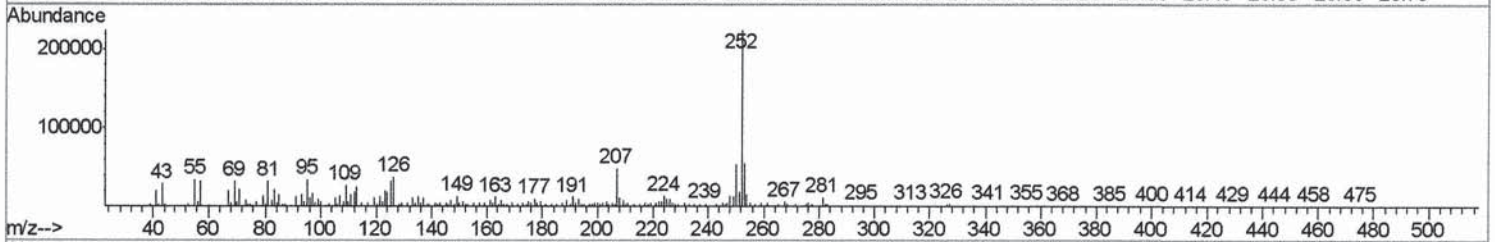
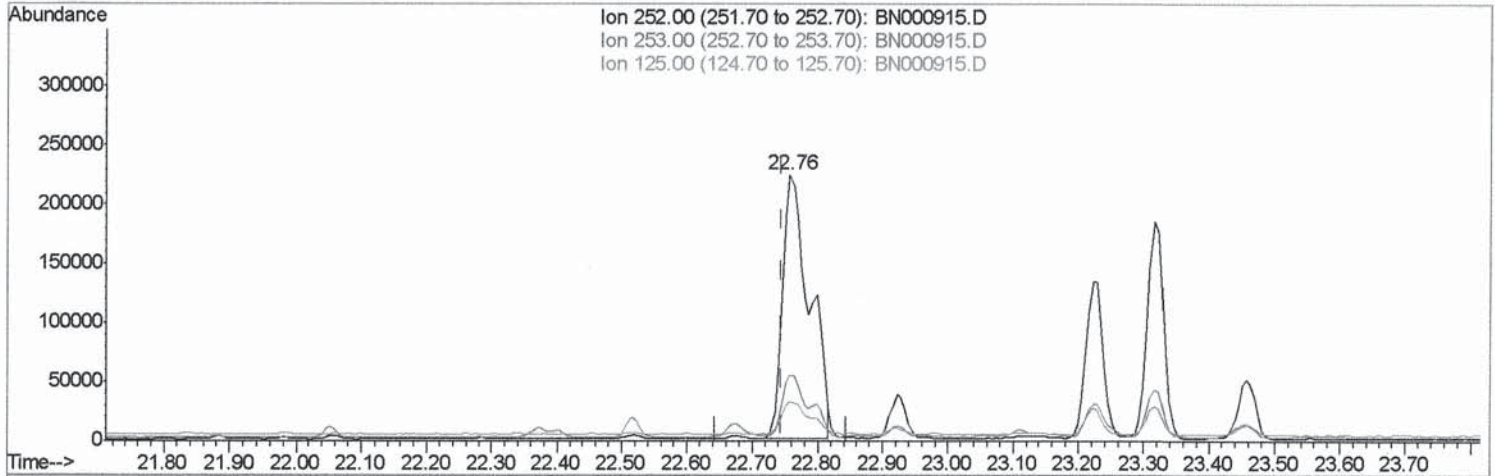
response 346479

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.43
229.00	19.80	23.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 18.96ng/ul

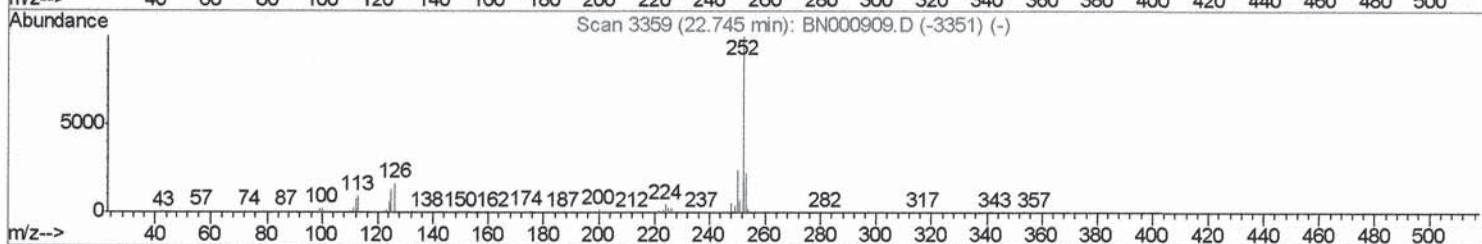
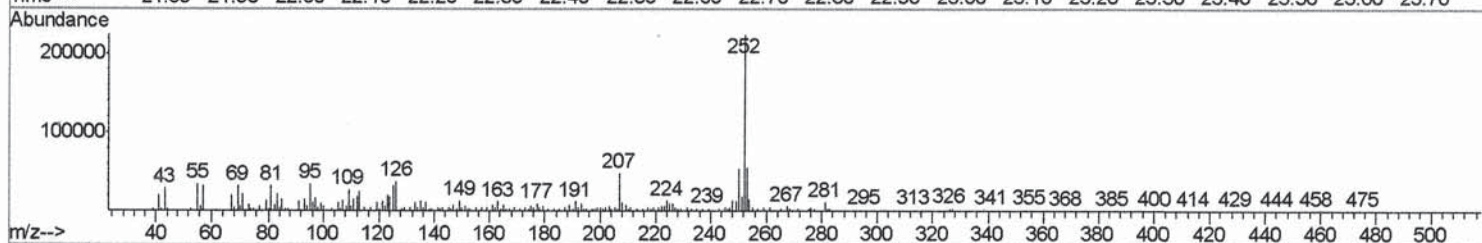
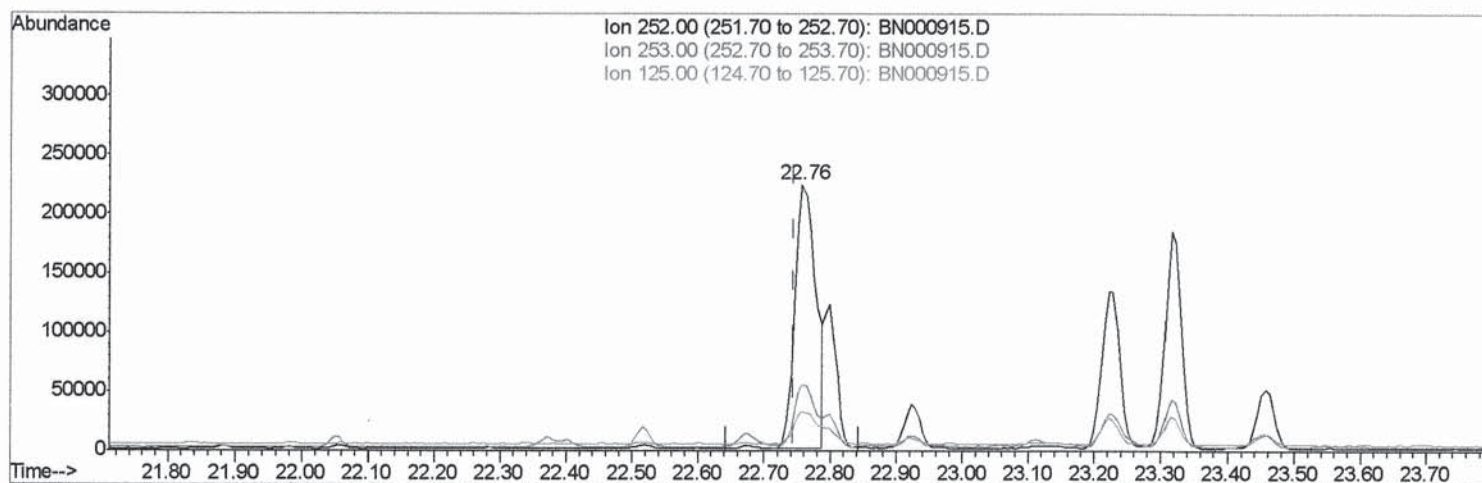
response 641239

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.10
125.00	10.00	14.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 14.59ng/ul m

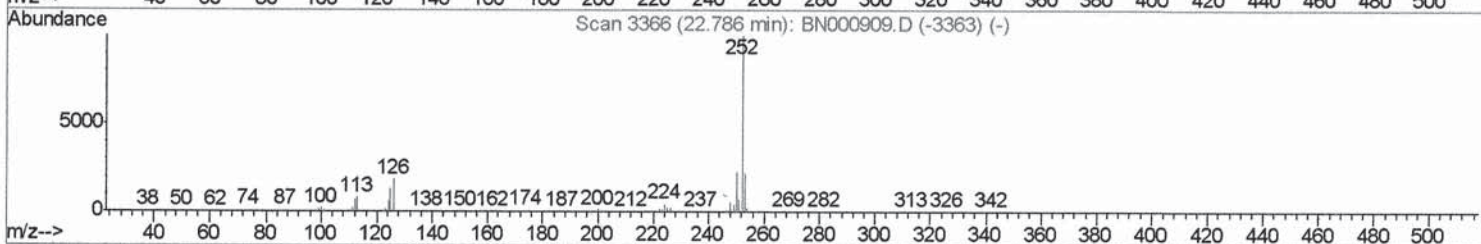
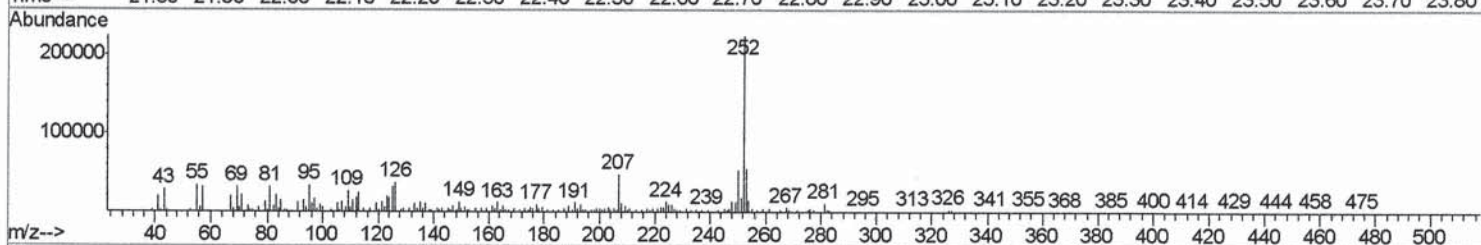
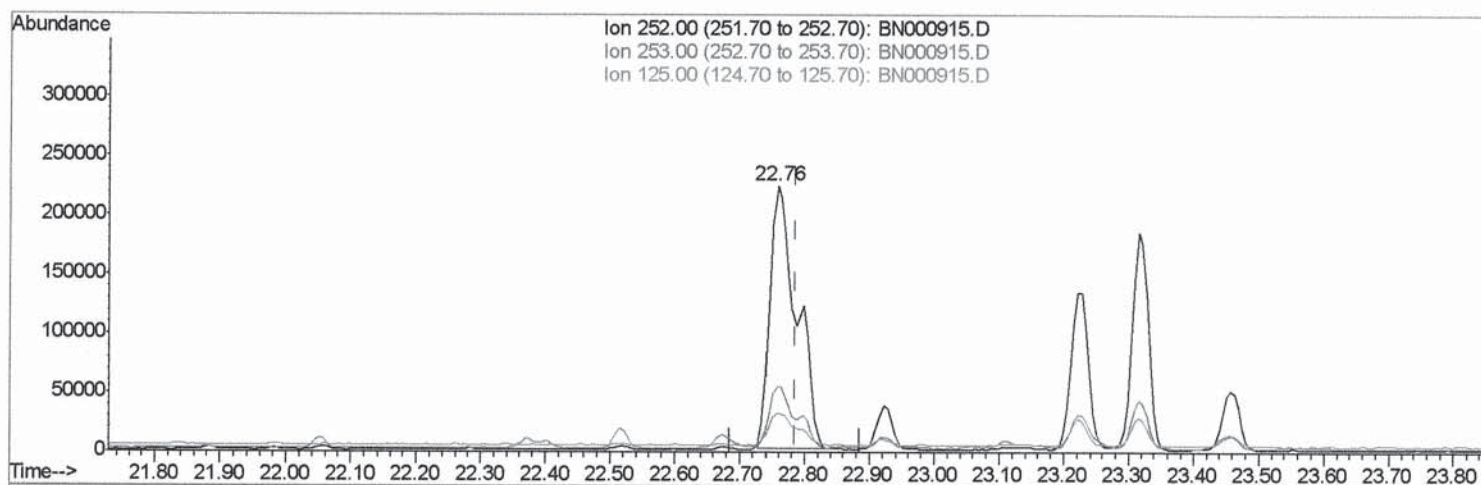
response 493506

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.10
125.00	10.00	14.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 19.36ng/ul

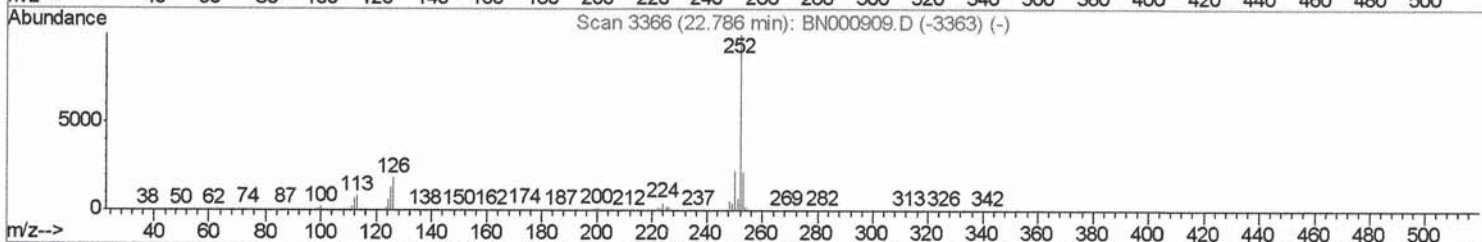
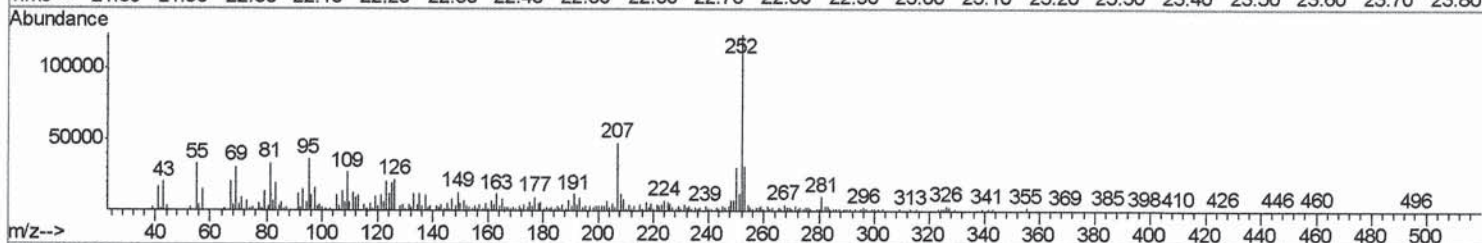
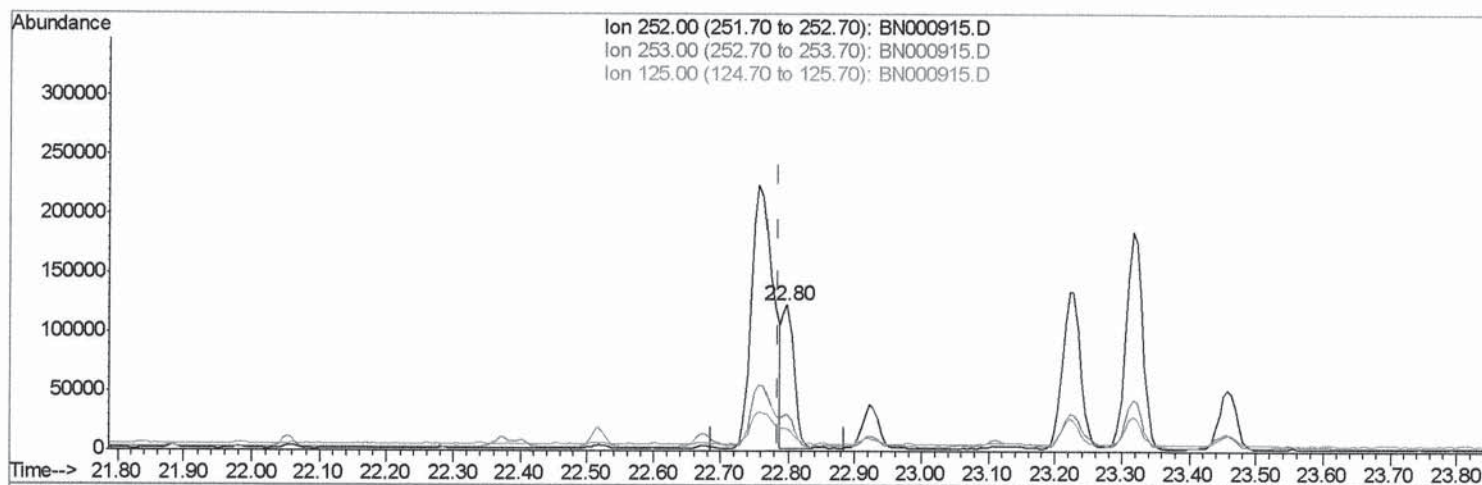
response 640433

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.10
125.00	10.10	14.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000915.D
Acq On : 26 Apr 2018 05:05
Operator : JU/SJ
Sample : J2443-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000915.D

(24) Benzo(k)fluoranthene

22.798min (+0.012) 4.66ng/ul m

response 154156

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.68
125.00	10.10	16.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:52:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	139603	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	576665	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	291115	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	599806	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	550949	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	595010	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	937415	33.53	ng/ul	0.00
10) Fluorene-d10	15.26	176	619253	33.18	ng/ul	0.00
14) Anthracene-d10	17.10	188	898159	32.74	ng/ul	0.00
18) Pyrene-d10	19.41	212	935019	33.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	903965	32.16	ng/ul	0.02

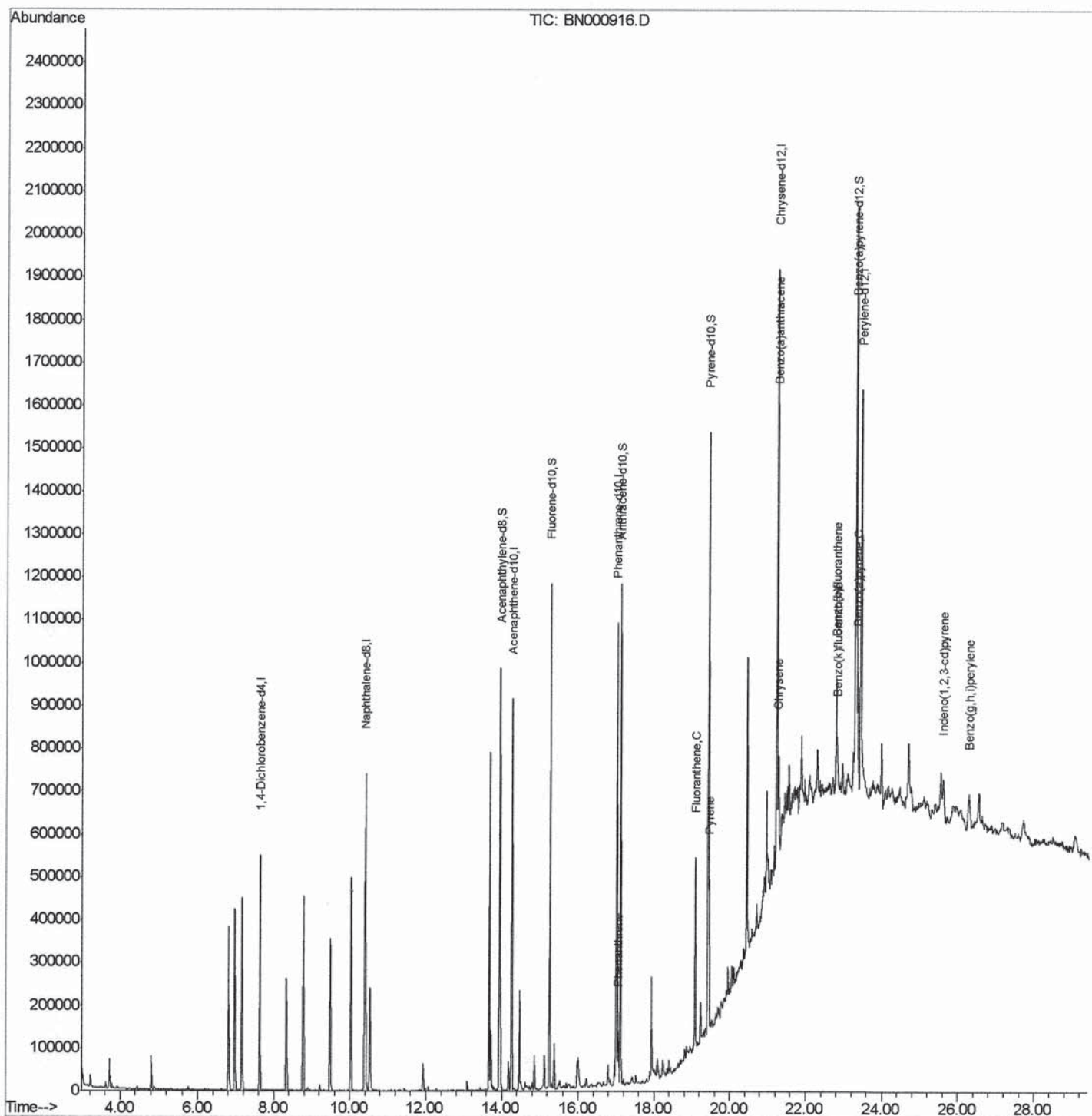
Target Compounds

						Ovalue
3) Naphthalene	10.44	128	38623	1.329	ng/ul	98
9) Acenaphthene	14.32	153	28845	1.509	ng/ul	97
11) Fluorene	15.31	166	31317	1.539	ng/ul	95
13) Phenanthrene	17.05	178	478680	14.632	ng/ul	99
15) Anthracene	17.14	178	105144	3.204	ng/ul	99
16) Fluoranthene	19.07	202	751111	22.630	ng/ul	96
19) Pyrene	19.44	202	598151	16.902	ng/ul#	93
20) Benzo(a)anthracene	21.20	228	343813	10.439	ng/ul	96
21) Chrysene	21.25	228	346479m	11.193	ng/ul	} JU 04/27/18
23) Benzo(b)fluoranthene	22.76	252	493506m	14.594	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	154156m	4.659	ng/ul	
26) Benzo(a)pyrene	23.32	252	317069	9.811	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.60	276	251230	6.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.60	278	68484	2.105	ng/ul#	80
29) Benzo(a,h,i)perylene	26.26	276	228739	7.007	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000916.D
Acq On : 26 Apr 2018 05:39
Operator : JU/SJ
Sample : J2444-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

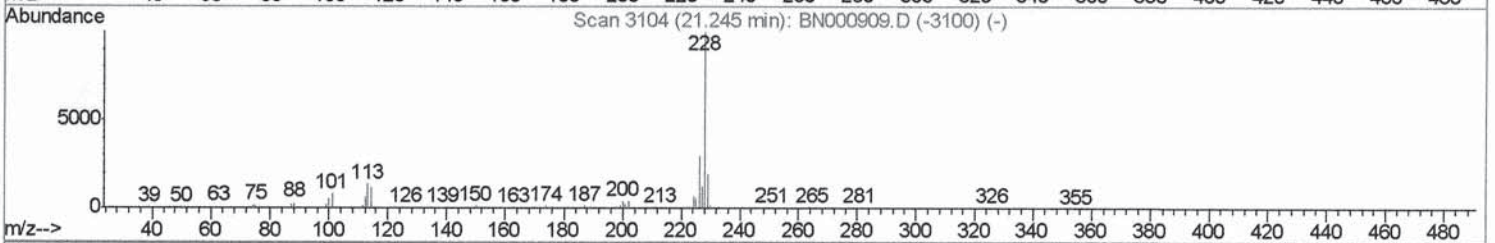
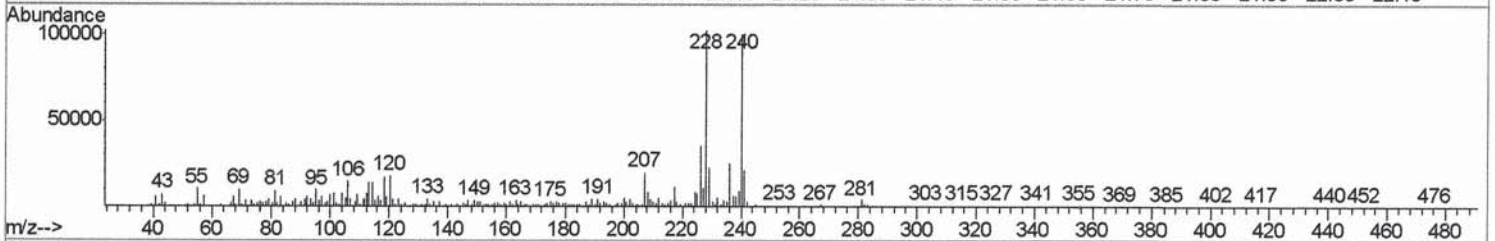
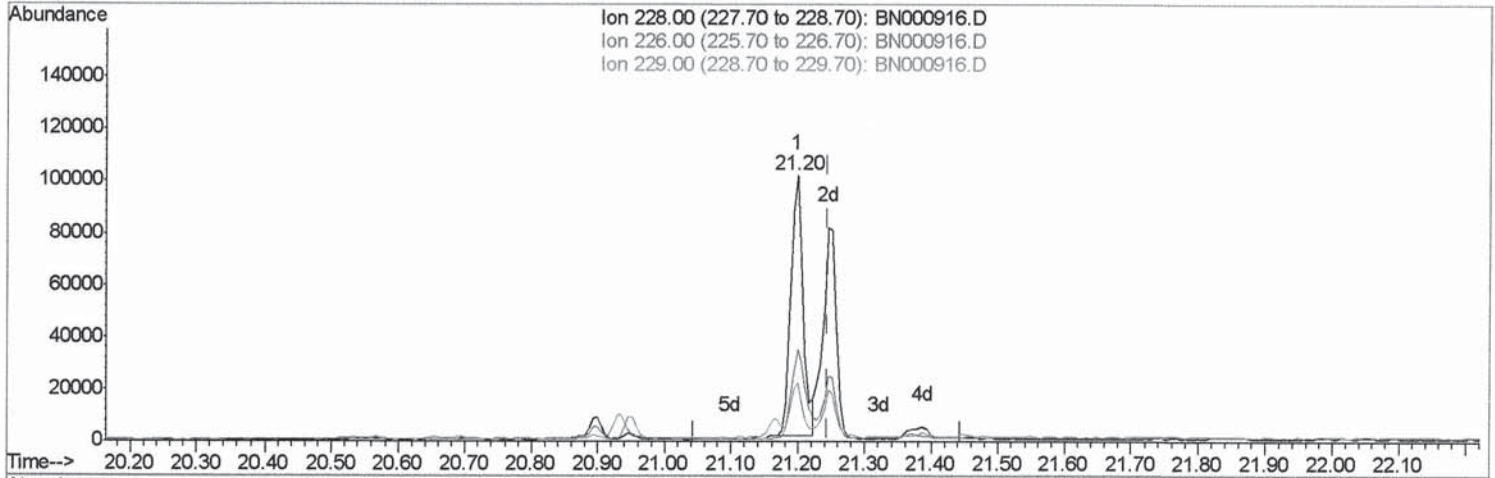
Quant Time: Apr 26 08:54:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(21) Chrysene

21.198min (-0.047) 4.17ng/ul

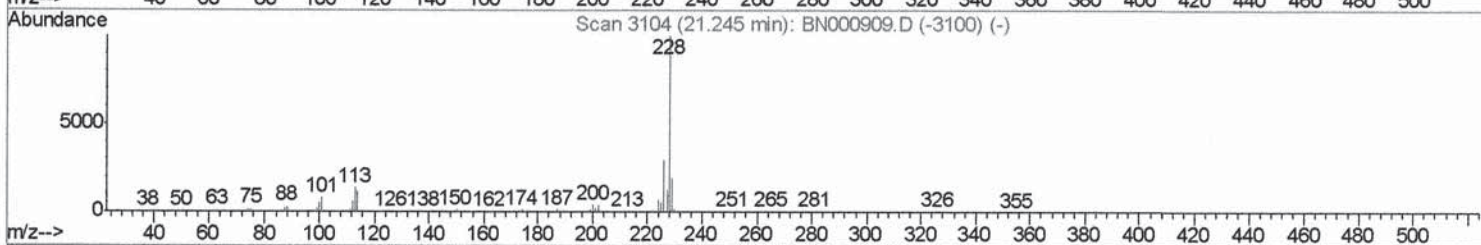
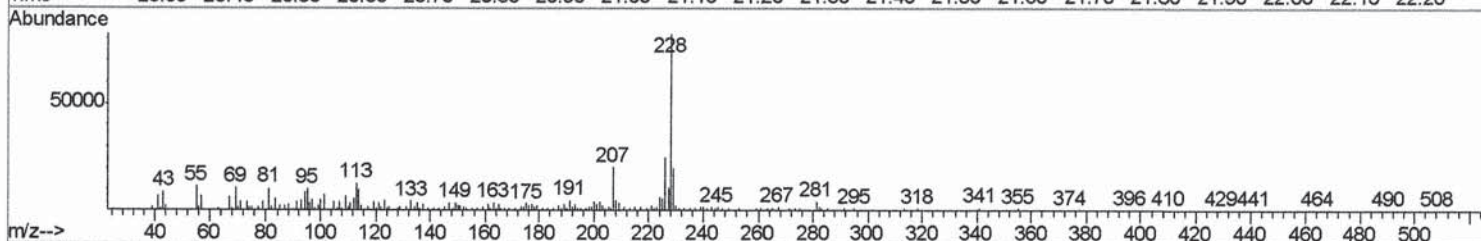
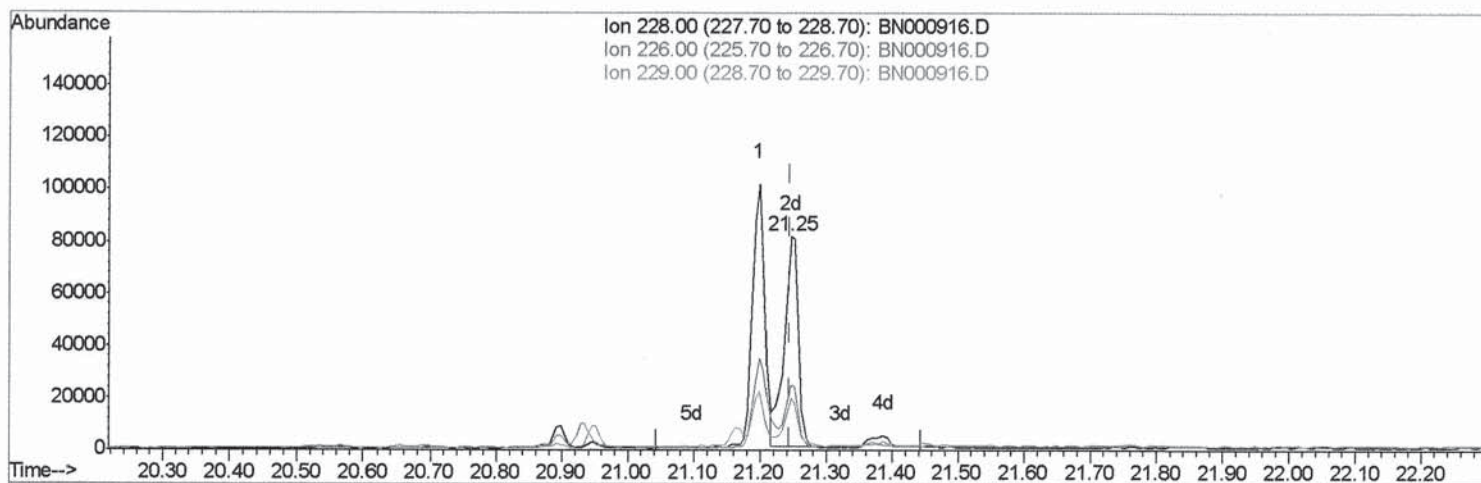
response 130177

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	34.59
229.00	19.80	22.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(21) Chrysene

21.245min (+0.000) 3.86ng/ul m

response 120326

Ion Exp% Act%

228.00 100 100

226.00 30.60 30.36

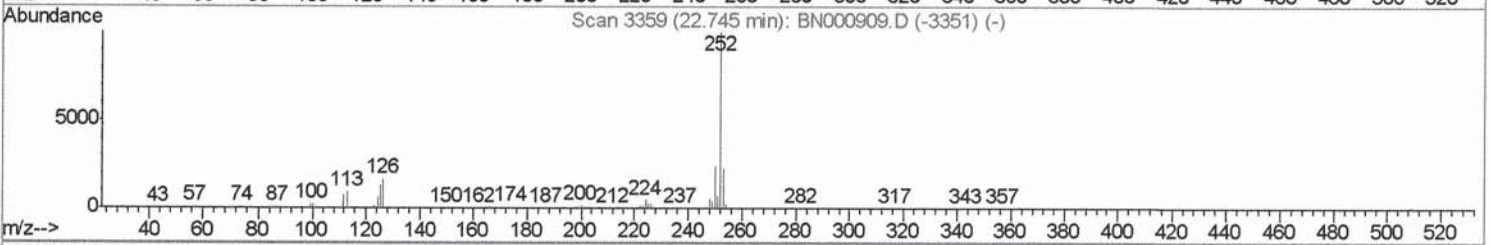
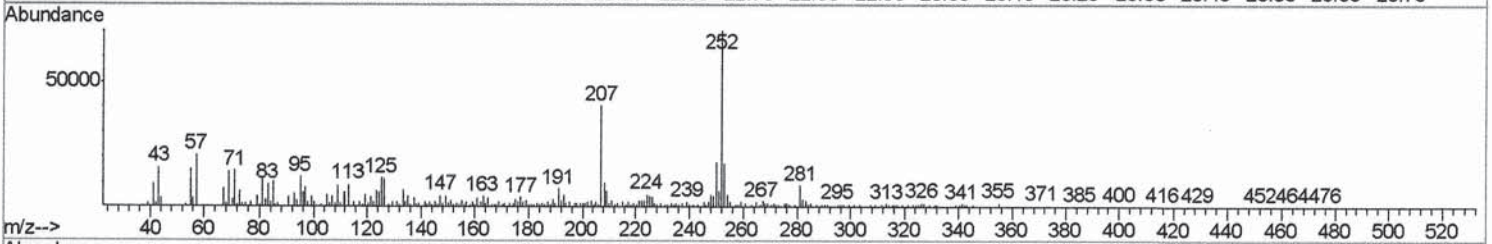
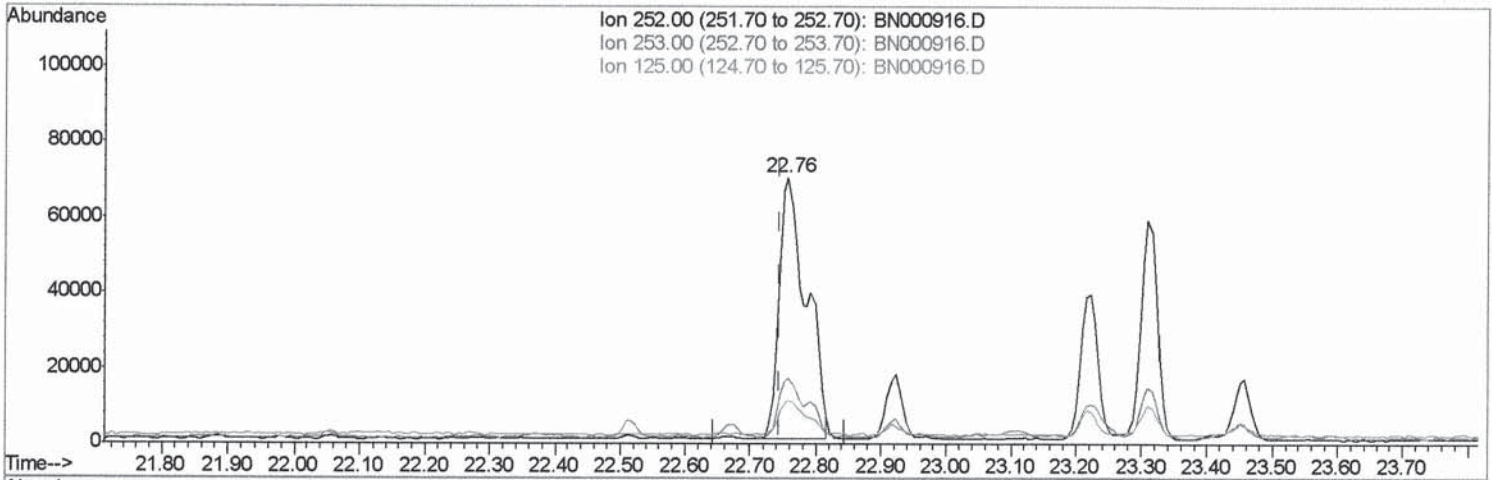
229.00 19.80 24.28#

0.00 0.00 0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 5.86ng/ul

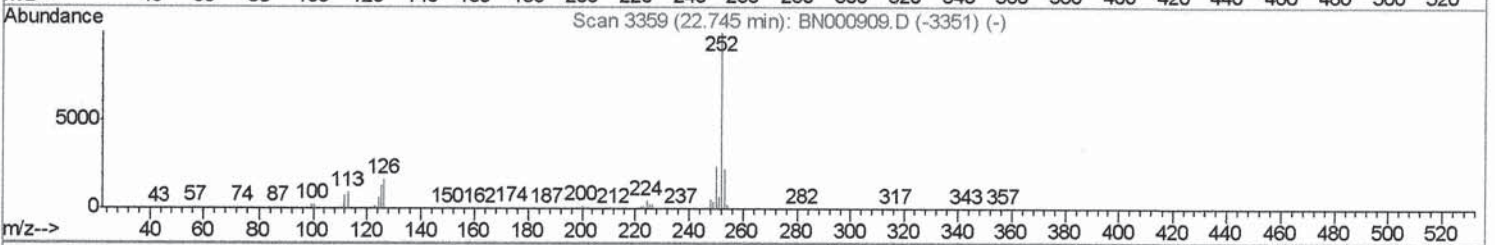
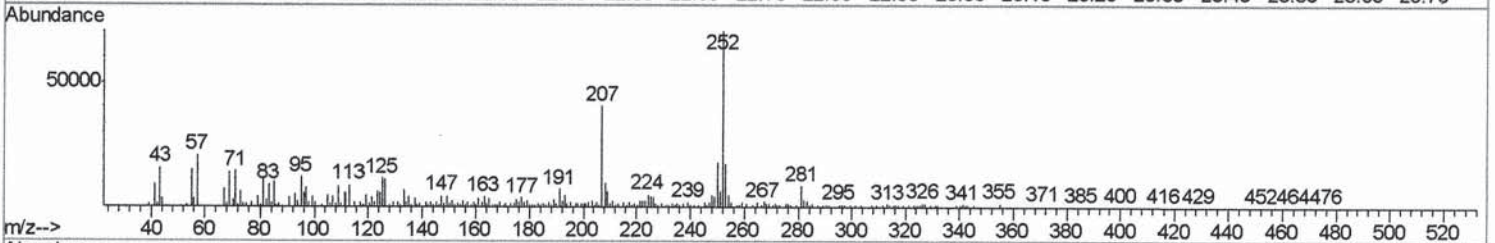
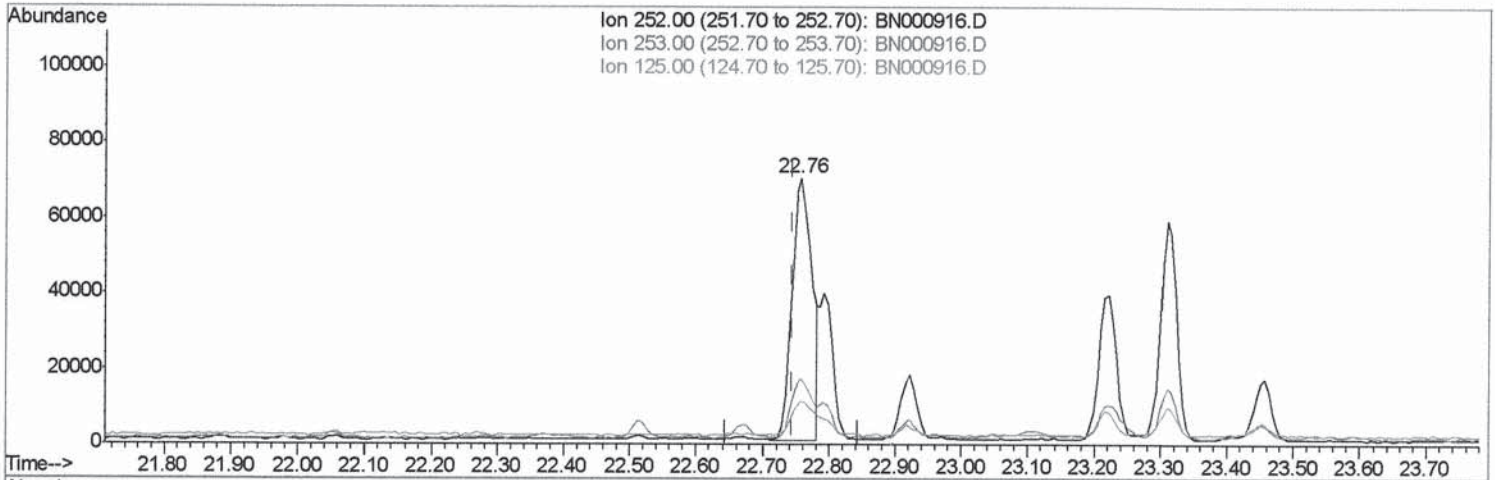
response 200376

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.07
125.00	10.00	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 4.29ng/ul m

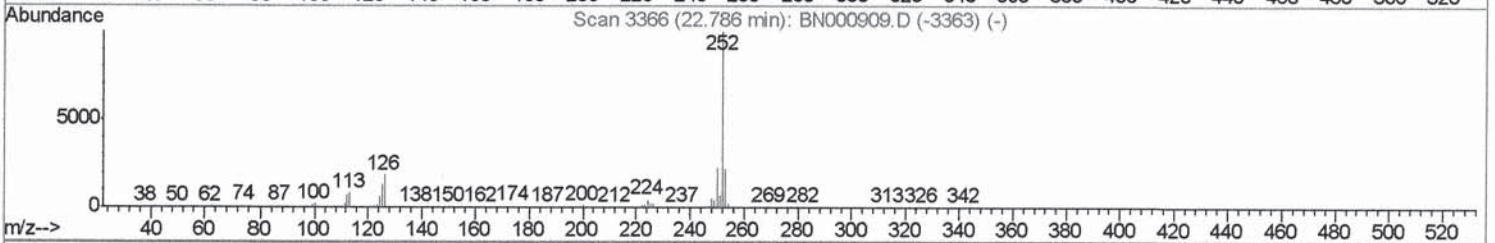
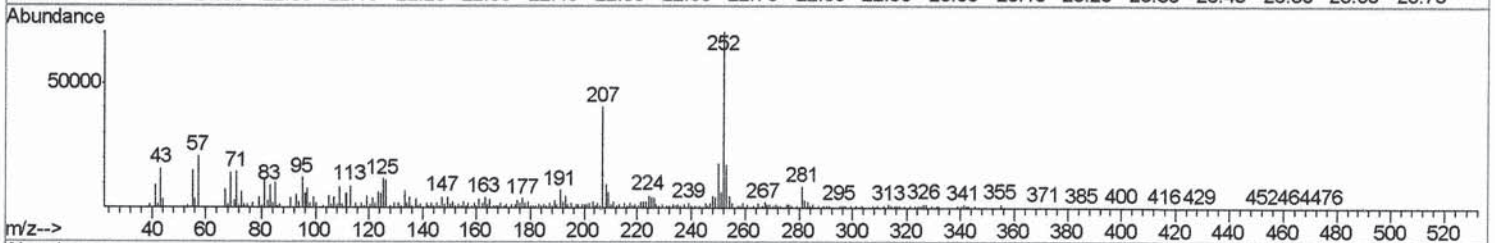
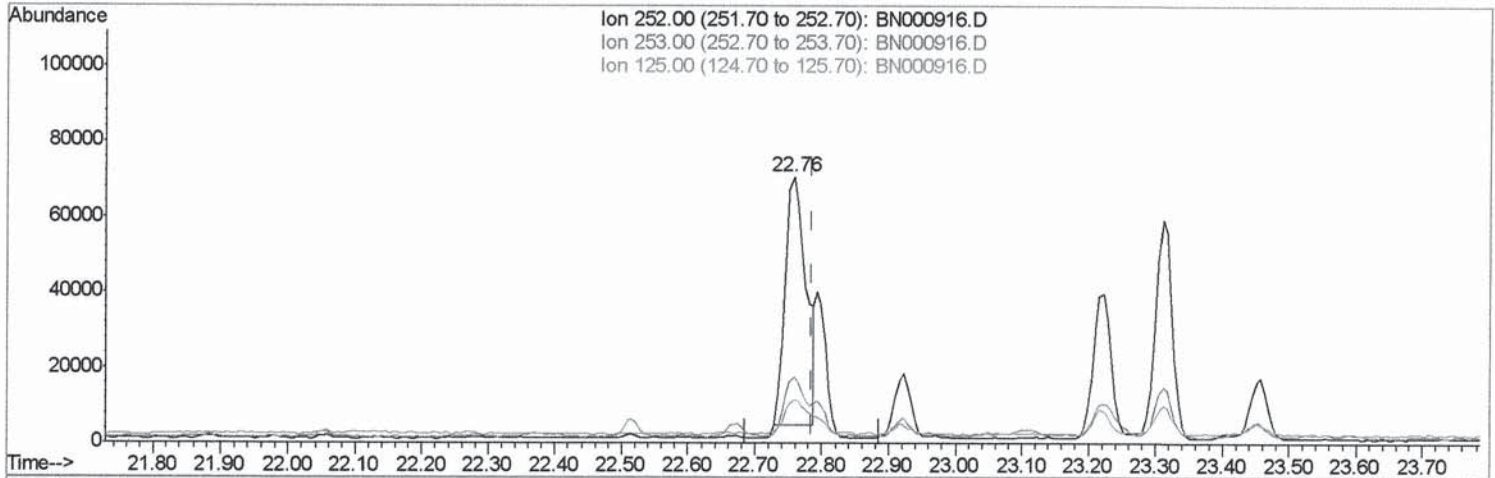
response 146617

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.07
125.00	10.00	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 4.33ng/ul

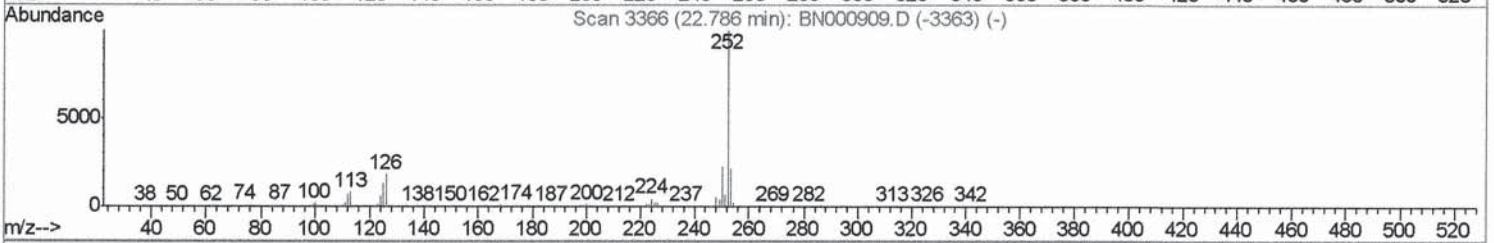
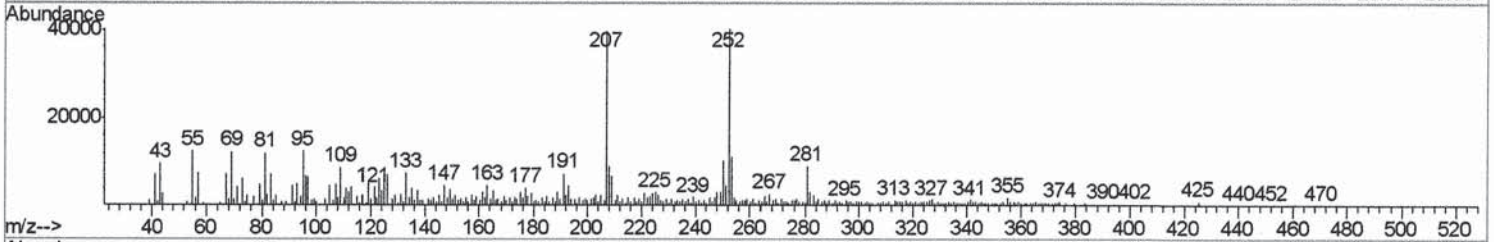
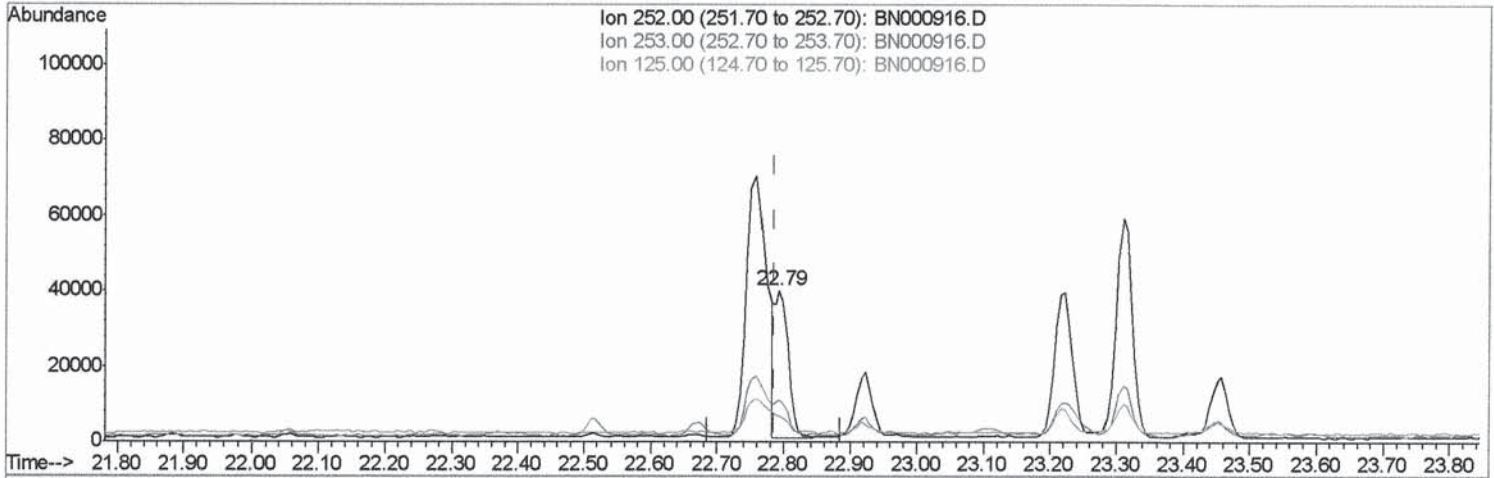
response 144807

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.07
125.00	10.10	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 1.68ng/ul m

response 56318

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	28.12#
125.00	10.10	17.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:54:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	140236	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	585696	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	287049	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	576258	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	555472	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	601241	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	622080	22.57	ng/ul	0.00
10) Fluorene-d10	15.26	176	425060	23.10	ng/ul	0.00
14) Anthracene-d10	17.10	188	605513	22.98	ng/ul	0.00
18) Pvrene-d10	19.41	212	653363	22.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	717233	25.25	ng/ul	0.01

Target Compounds

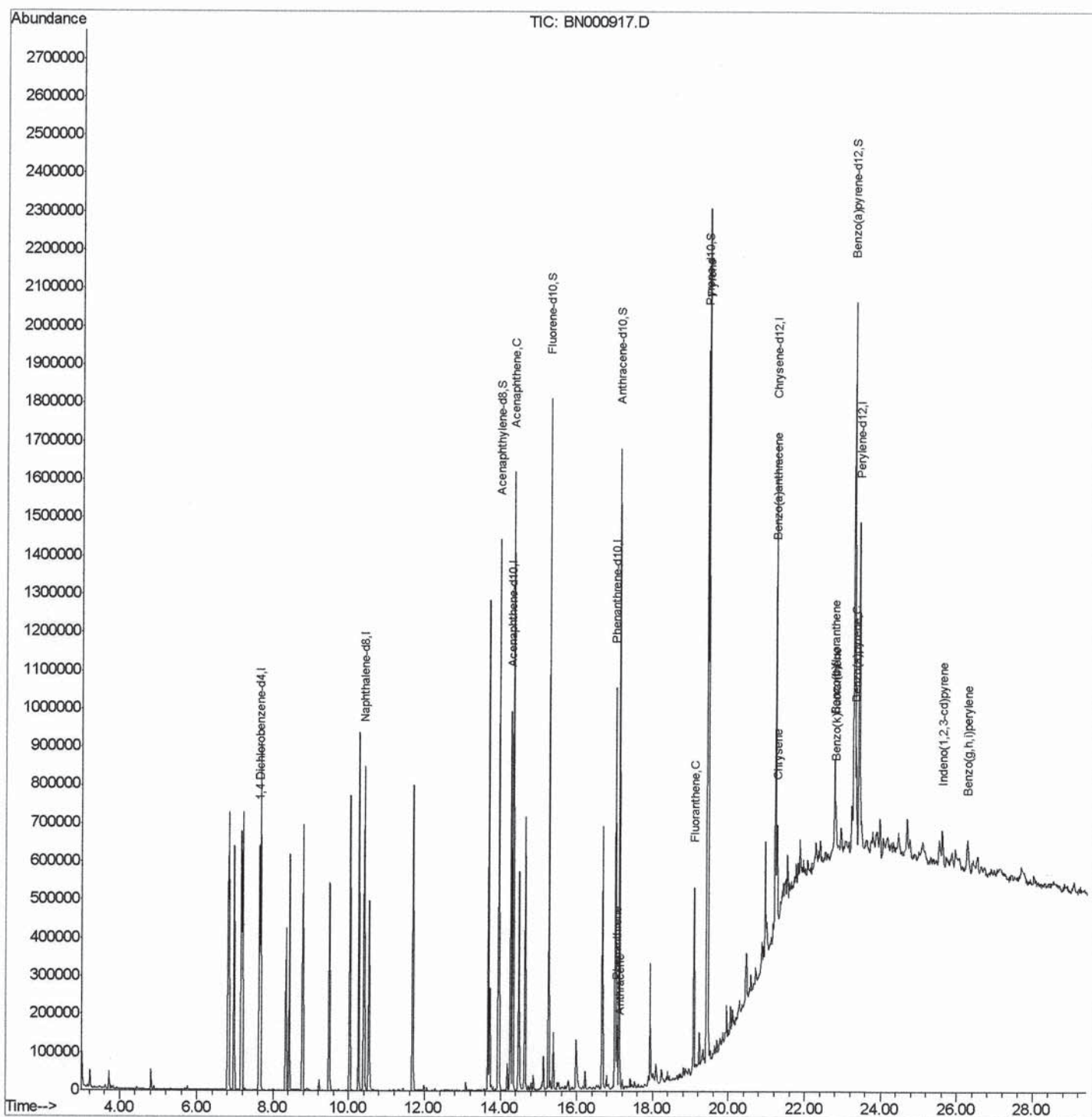
					Ovalue	
13) Phenanthrene	17.05	178	70925	2.257	ng/ul	99
16) Fluoranthene	19.07	202	233765	7.331	ng/ul	95
19) Pyrene	19.44	202	174054	4.878	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	130523	3.931	ng/ul#	88
21) Chrysene	21.25	228	120326m	3.855	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	146617m	4.291	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	56318m	1.684	ng/ul	
26) Benzo(a)pyrene	23.31	252	99377	3.043	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.58	276	67195	1.704	ng/ul#	83
29) Benzo(a,h,i)perylene	26.25	276	63565	1.927	ng/ul#	88

Handwritten note: 2/24/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

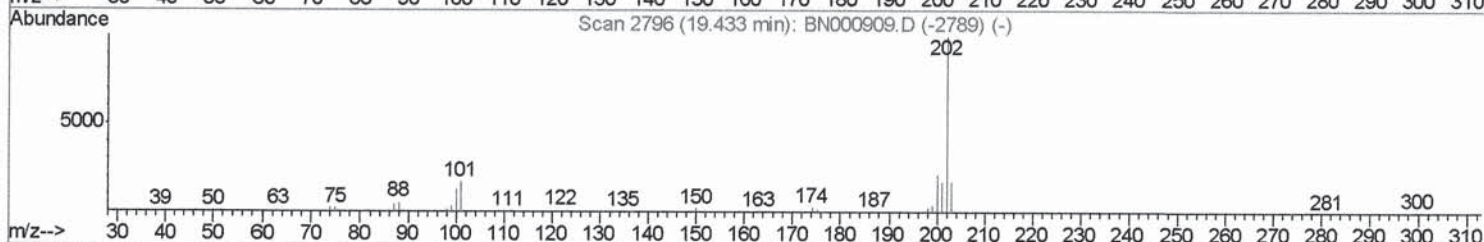
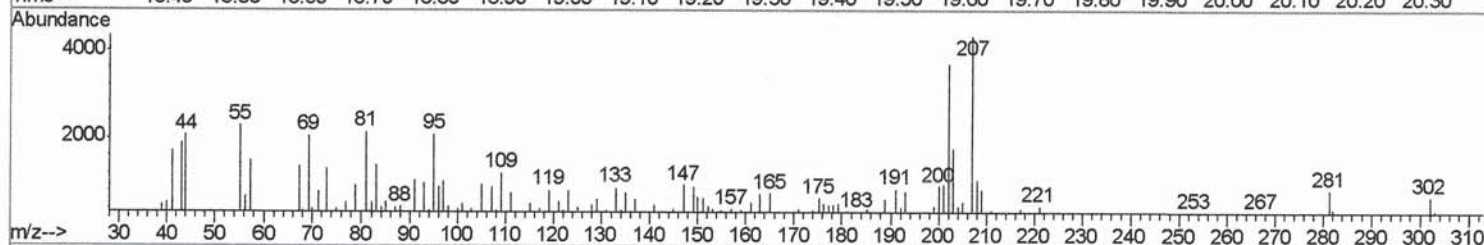
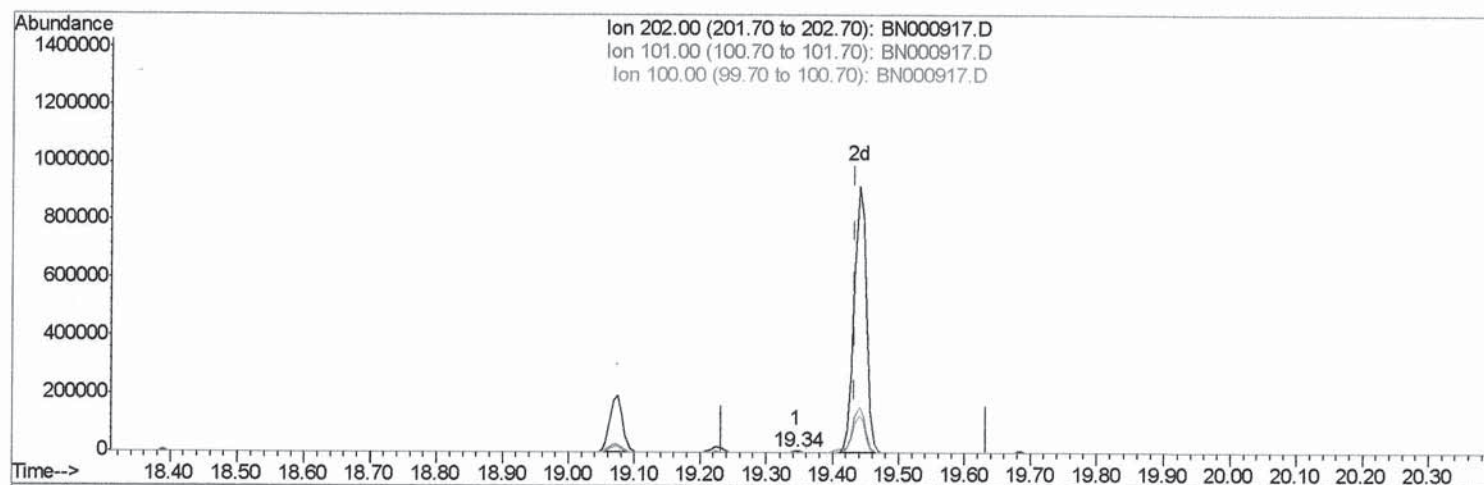
Quant Time: Apr 26 08:56:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(19) Pyrene

19.345min (-0.089) 0.14ng/ui

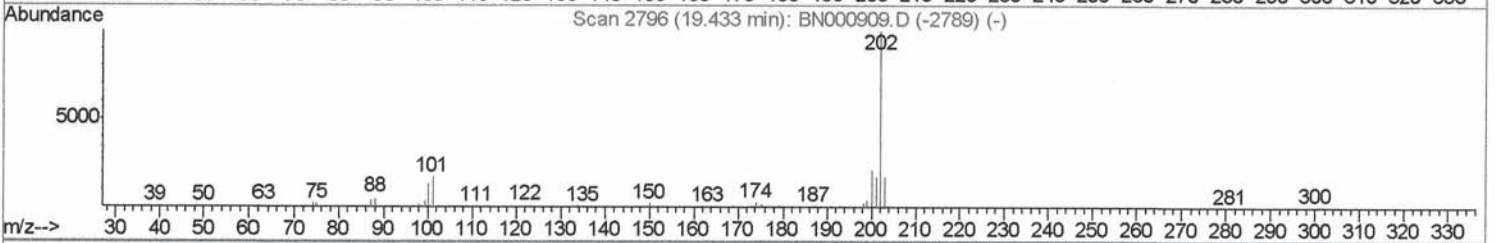
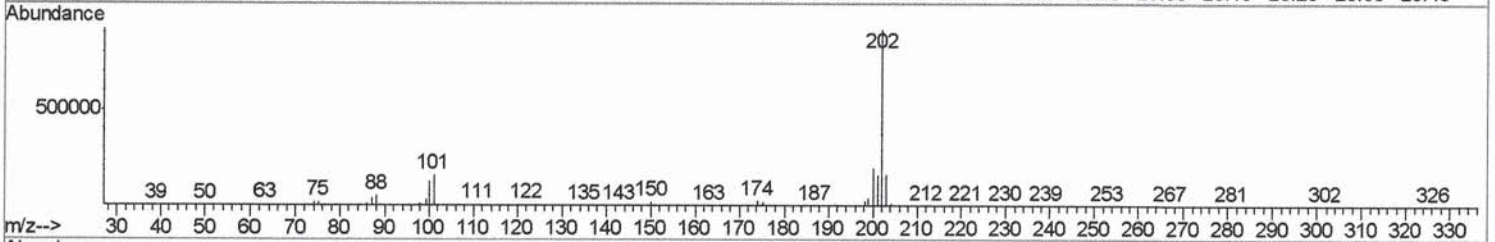
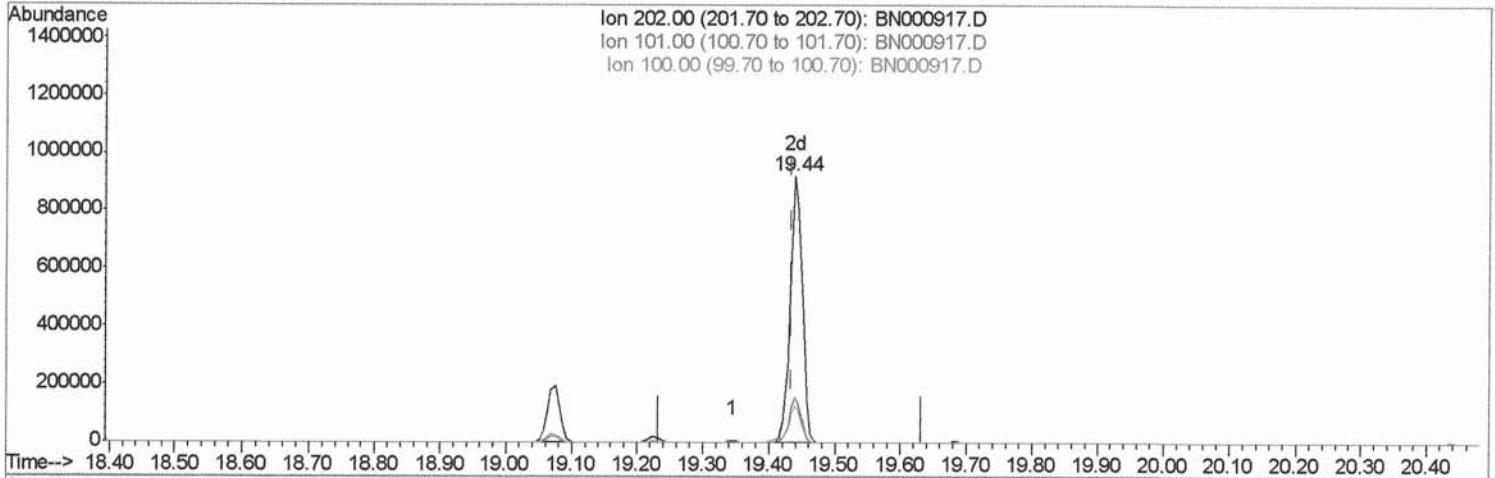
response 4707

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	13.55
100.00	10.10	10.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(19) Pyrene

19.439min (+0.006) 36.39ng/ui m

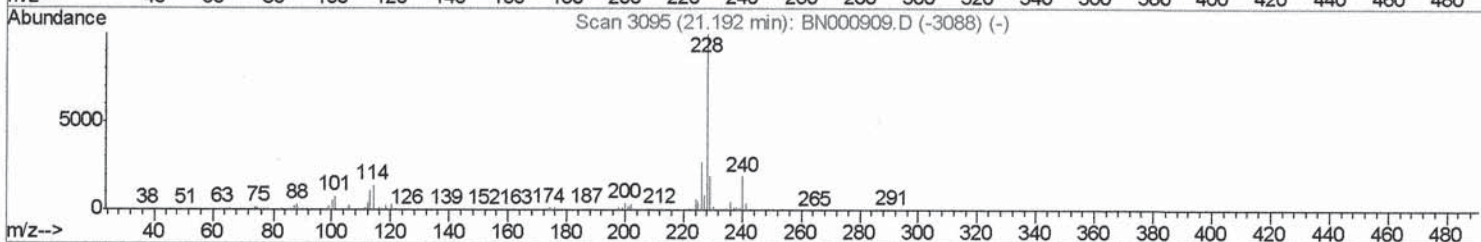
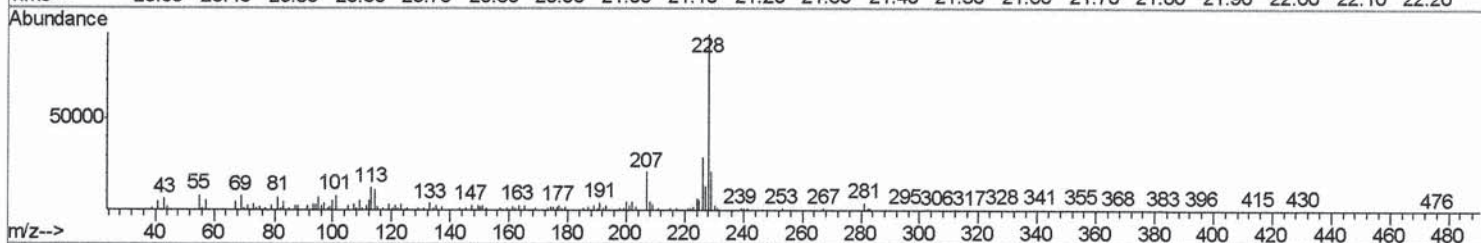
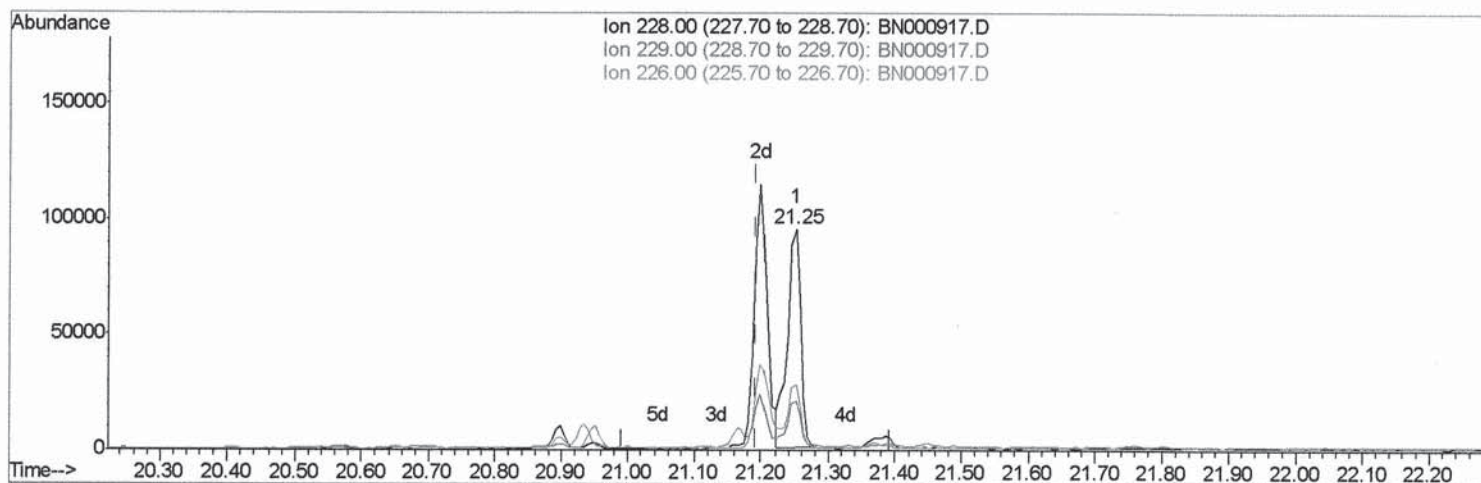
response 1184385

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	17.34#
100.00	10.10	14.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(20) Benzo(a)anthracene

21.251min (+0.059) 4.29ng/ul

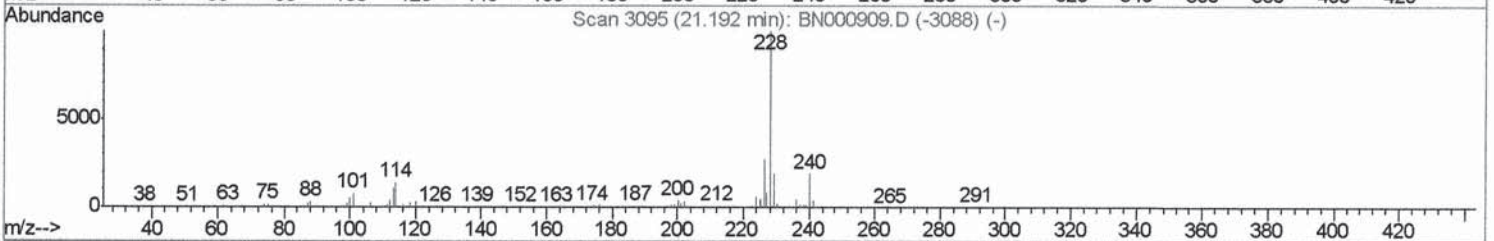
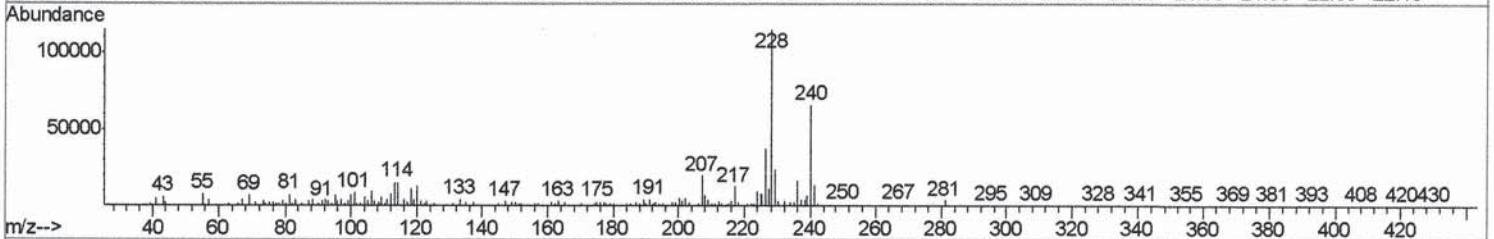
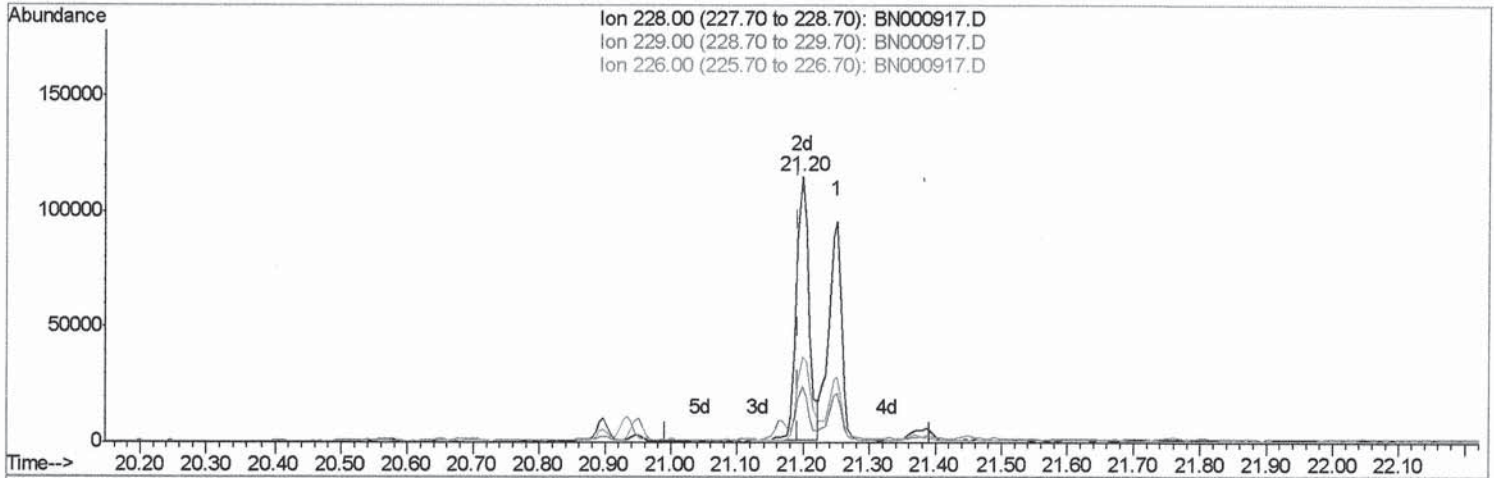
response 129892

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.44
226.00	26.40	30.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(20) Benzo(a)anthracene

21.198min (+0.006) 5.01ng/ul m

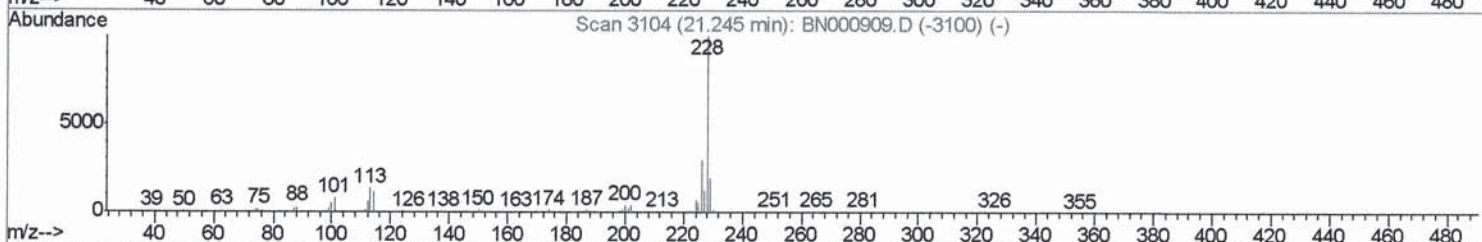
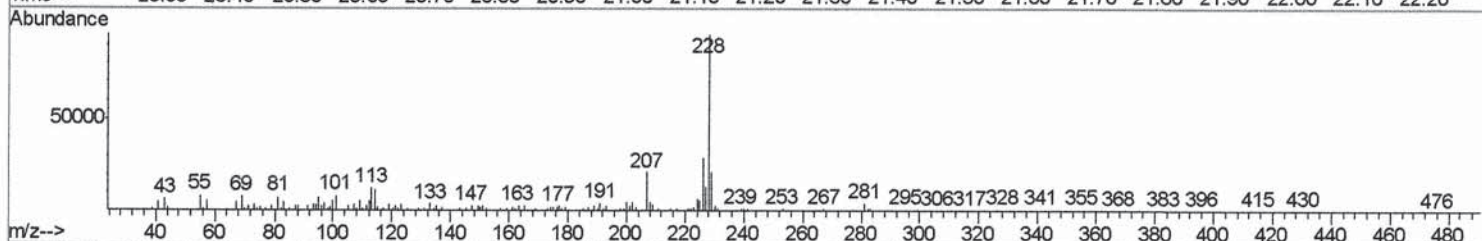
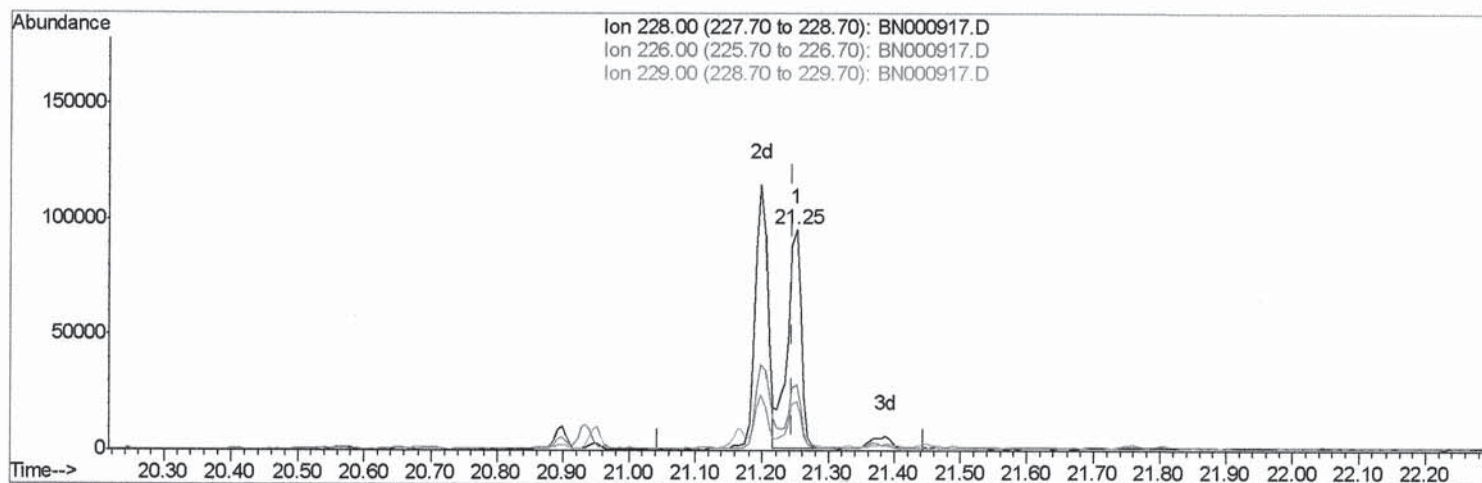
response 151800

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.73
226.00	26.40	32.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(21) Chrysene

21.251min (+0.006) 4.80ng/ul

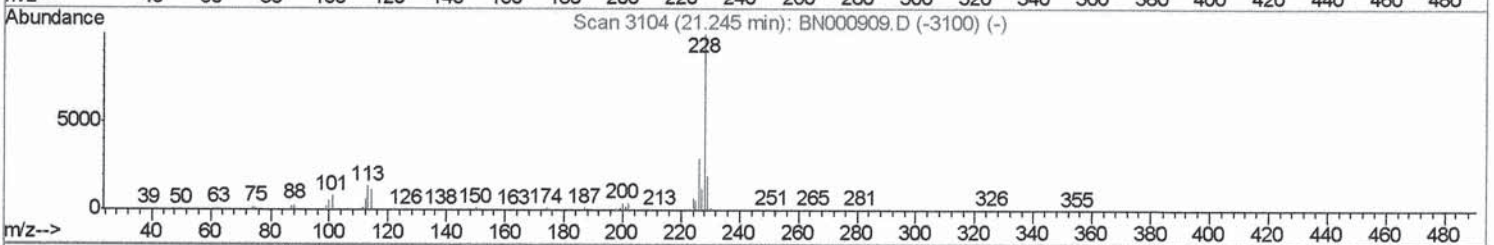
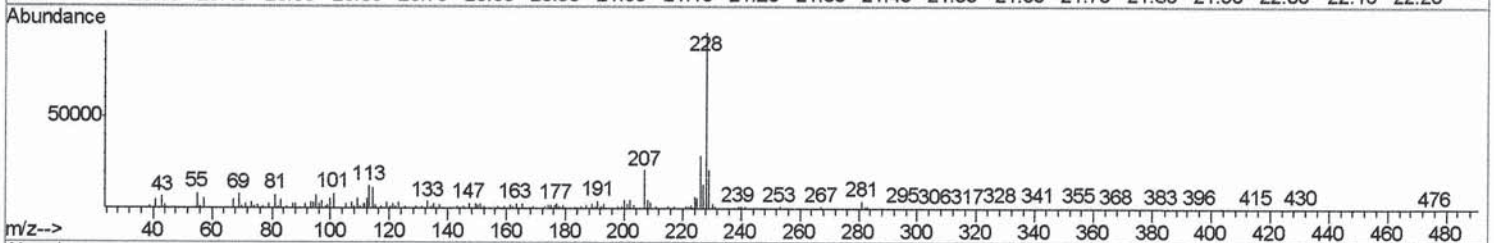
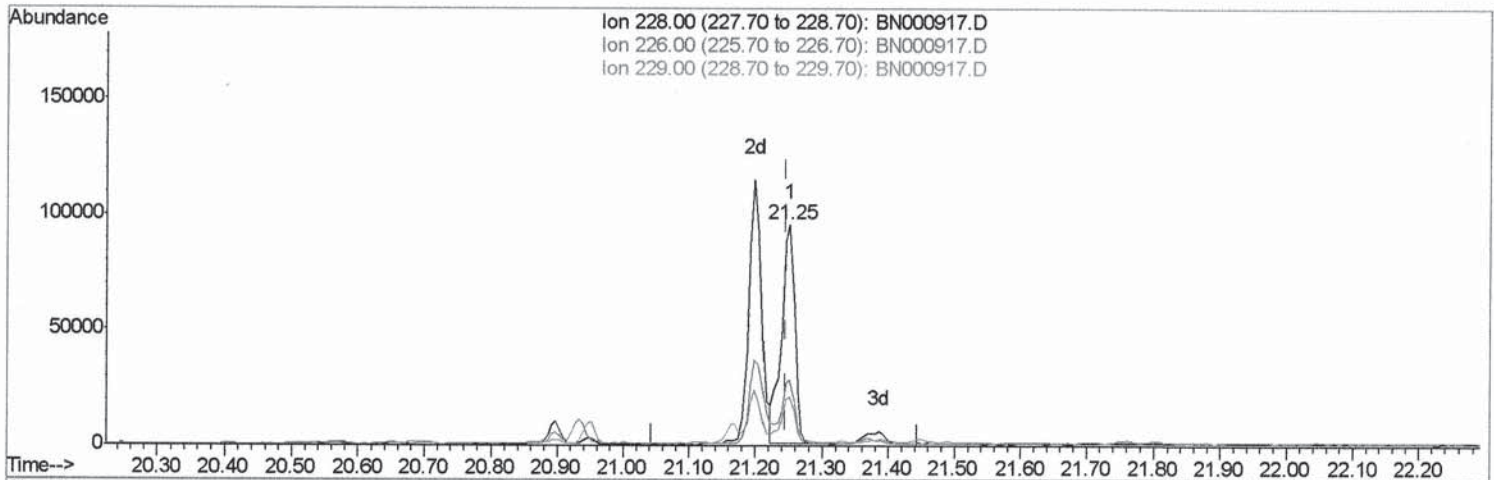
response 136625

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.20
229.00	19.80	22.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(21) Chrysene

21.251min (+0.006) 4.63ng/ul m

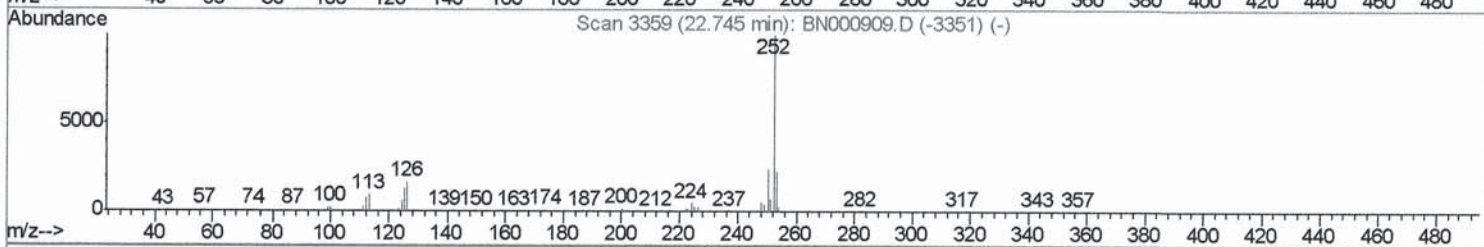
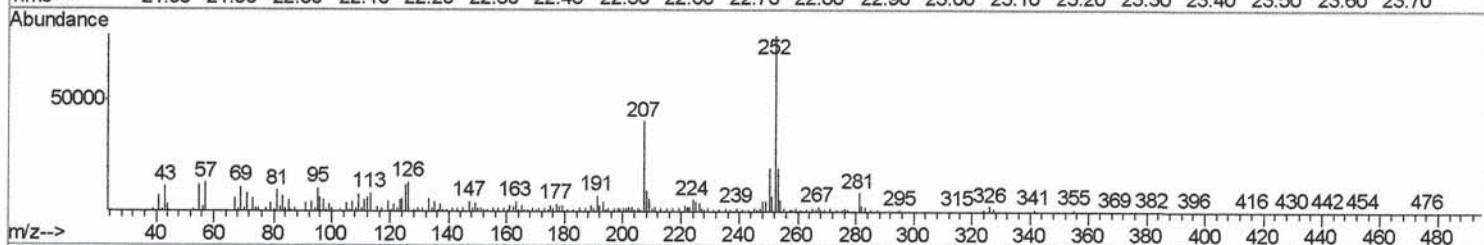
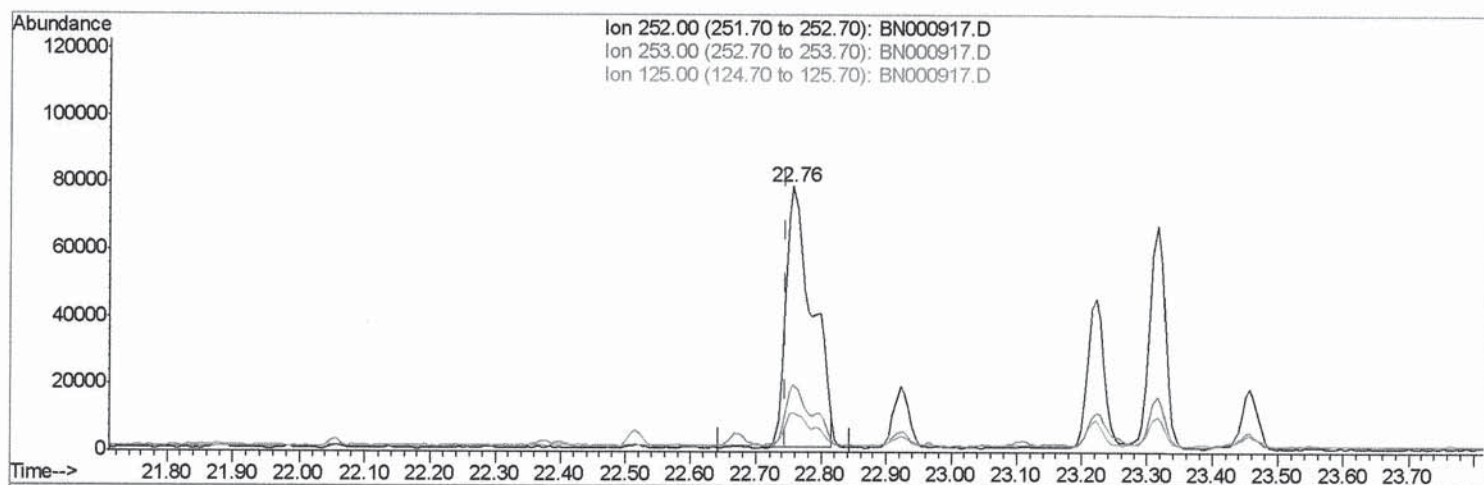
response 131718

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.20
229.00	19.80	22.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000917.D

(23) Benzo(b)fluoranthene

22.756min (+0.011) 7.03ng/ul

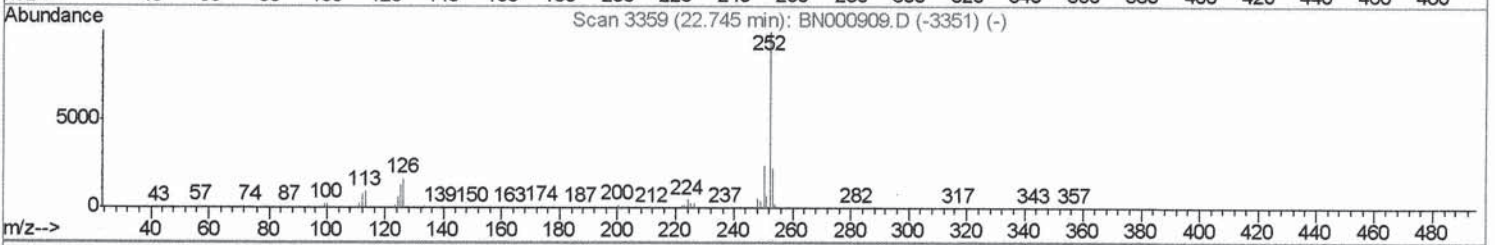
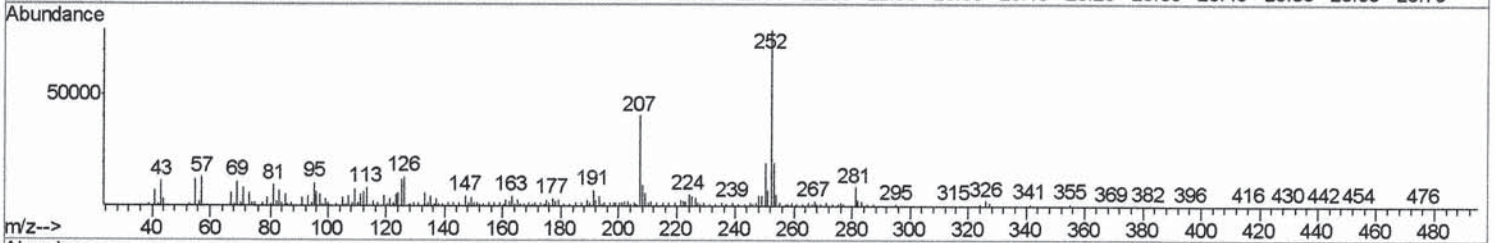
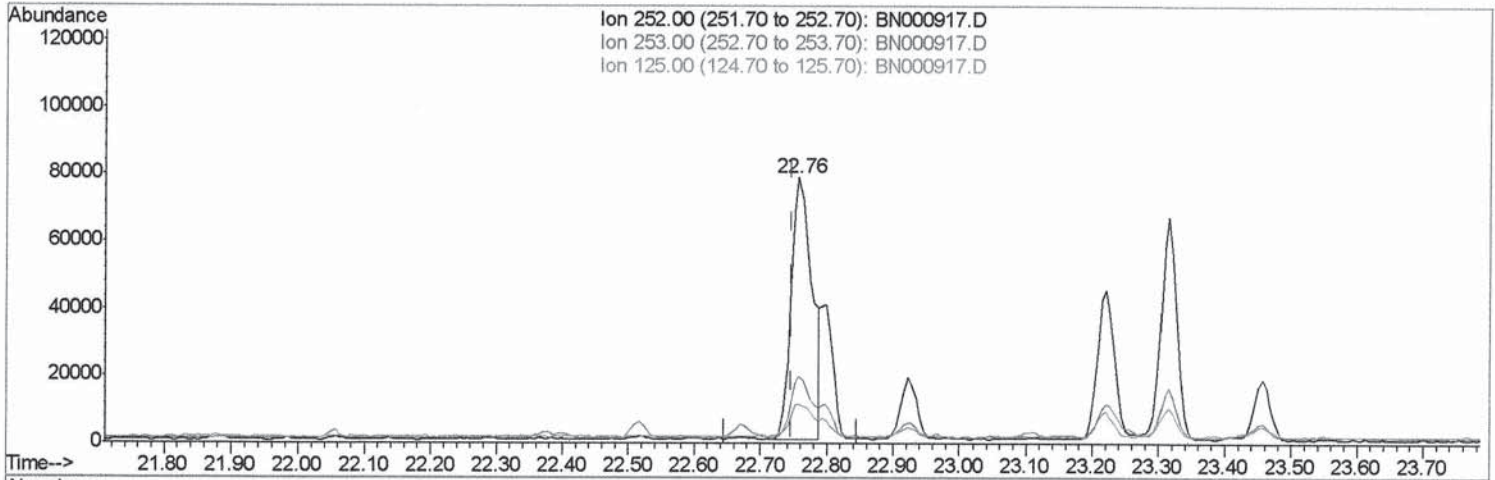
response 219947

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.29
125.00	10.00	15.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(23) Benzo(b)fluoranthene

22.756min (+0.011) 5.48ng/ul m

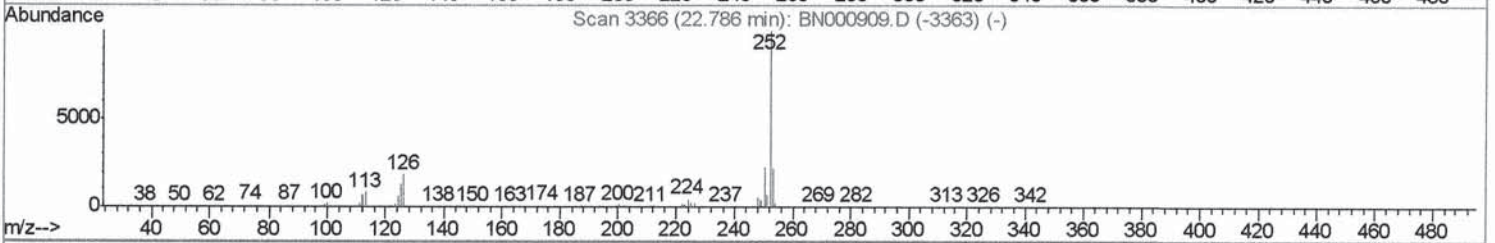
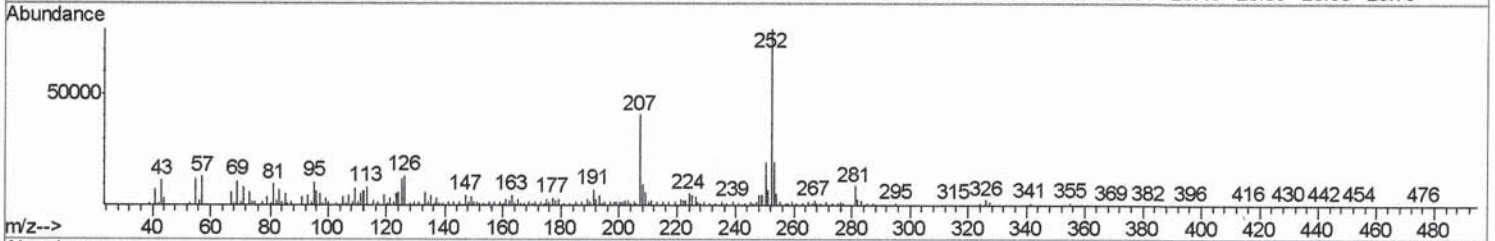
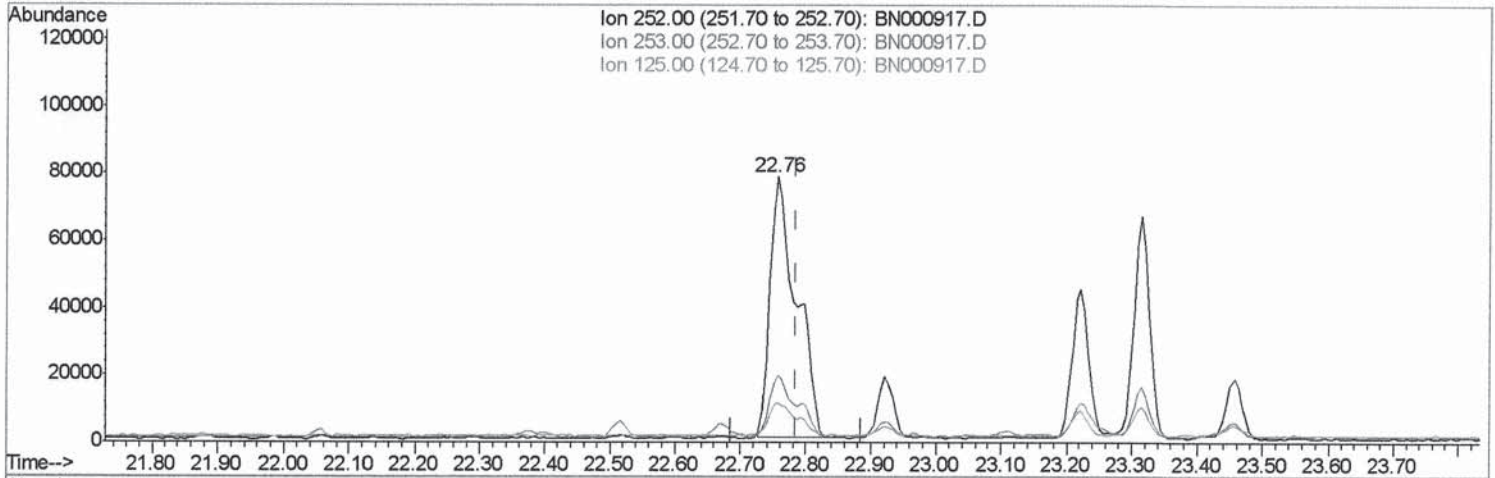
response 171681

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.29
125.00	10.00	15.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(24) Benzo(k)fluoranthene

22.756min (-0.030) 7.16ng/ui

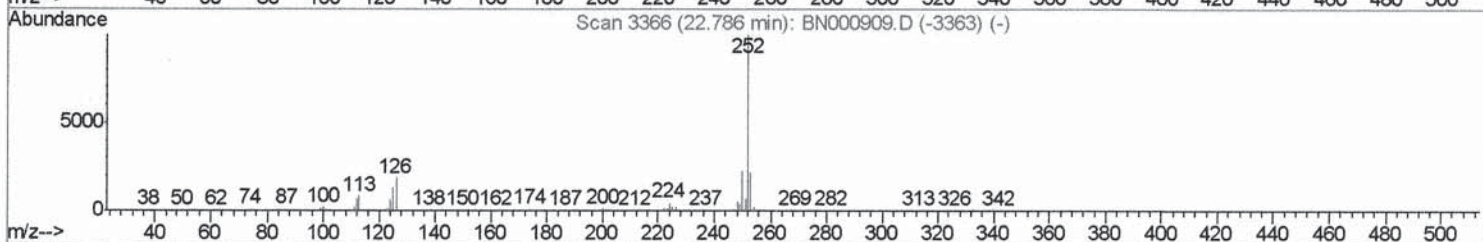
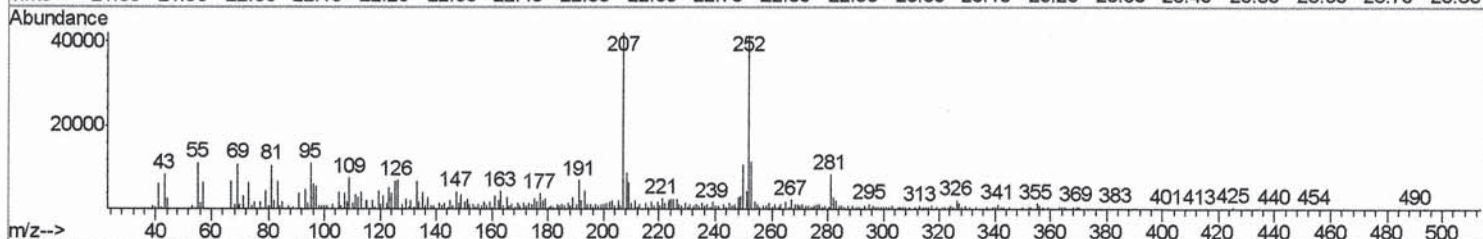
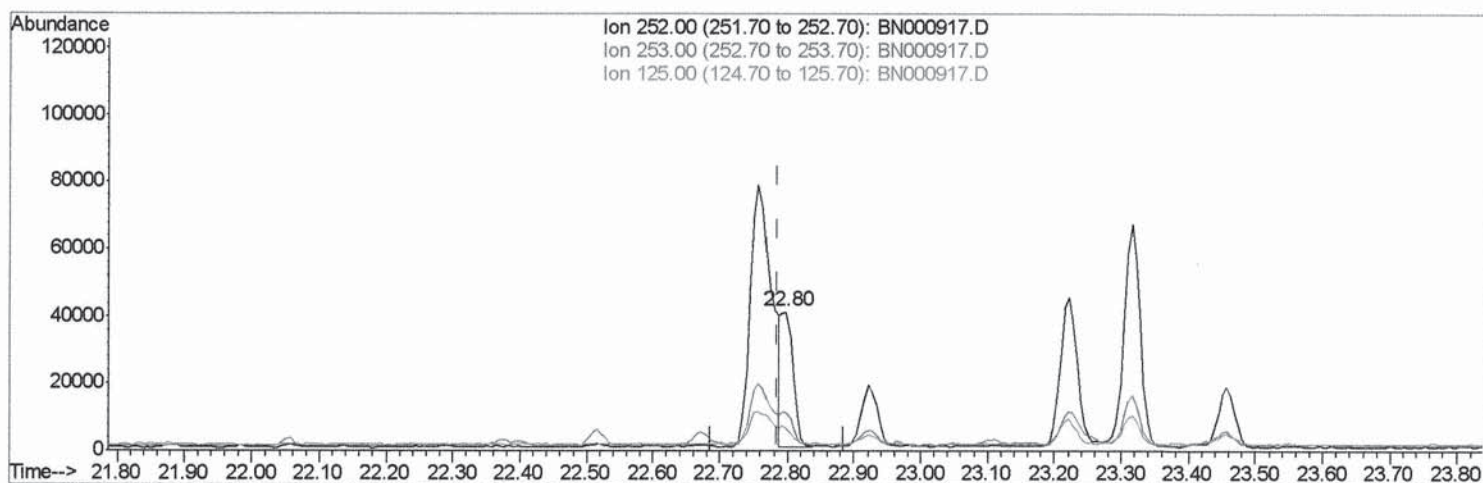
response 219322

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.29
125.00	10.10	15.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(24) Benzo(k)fluoranthene

22.798min (+0.011) 1.67ng/ul m

response 51232

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.35#
125.00	10.10	16.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

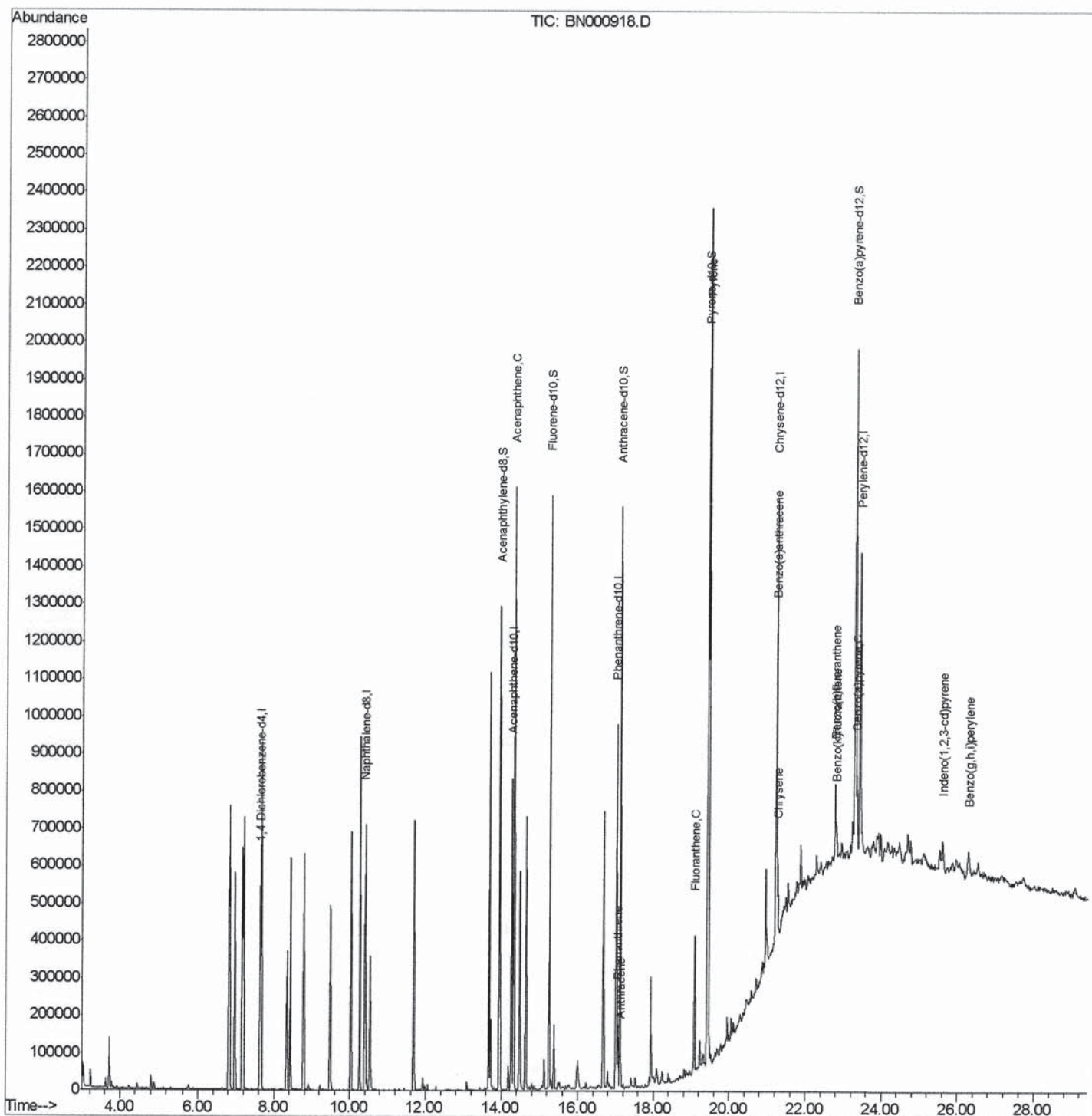
Quant Time: Apr 26 08:56:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	160419	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	656034	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	304348	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	561065	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	506730	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	550810	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	932279	31.90	ng/ul	0.01
10) Fluorene-d10	15.26	176	619722	31.76	ng/ul	0.00
14) Anthracene-d10	17.10	188	849737	33.12	ng/ul	0.00
18) Pyrene-d10	19.41	212	871106	33.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	950697	36.54	ng/ul	0.02
Target Compounds						
9) Acenaphthene	14.32	153	609303	30.483	ng/ul	96
13) Phenanthrene	17.05	178	94991	3.104	ng/ul	99
15) Anthracene	17.14	178	40052	1.305	ng/ul	98
16) Fluoranthene	19.07	202	258808	8.336	ng/ul	96
19) Pyrene	19.44	202	1184385m	36.389	ng/ul	
20) Benzo(a)anthracene	21.20	228	151800m	5.011	ng/ul	
21) Chrysene	21.25	228	131718m	4.626	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	171681m	5.485	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	51232m	1.673	ng/ul	
26) Benzo(a)pyrene	23.32	252	109387	3.657	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.59	276	72214	1.999	ng/ul#	86
29) Benzo(a,h,i)perylene	26.26	276	66485	2.200	ng/ul#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000918.D
Acq On : 26 Apr 2018 06:49
Operator : JU/SJ
Sample : J2444-20MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

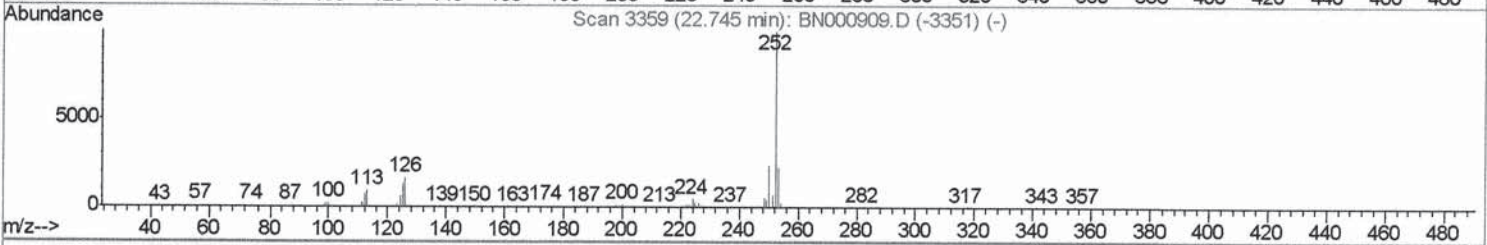
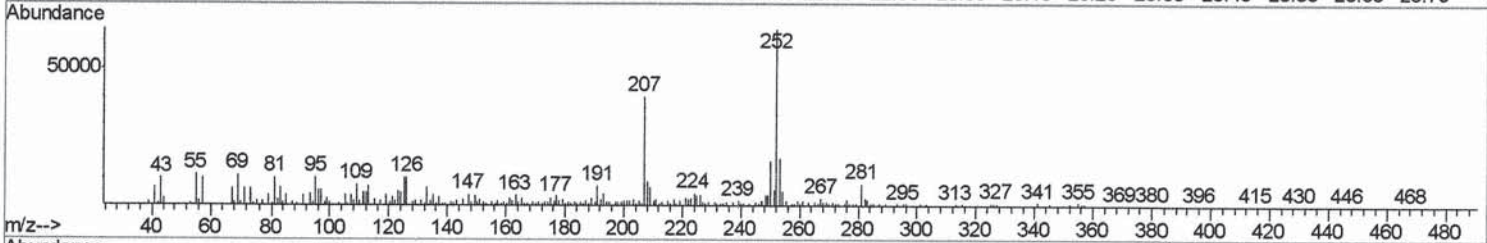
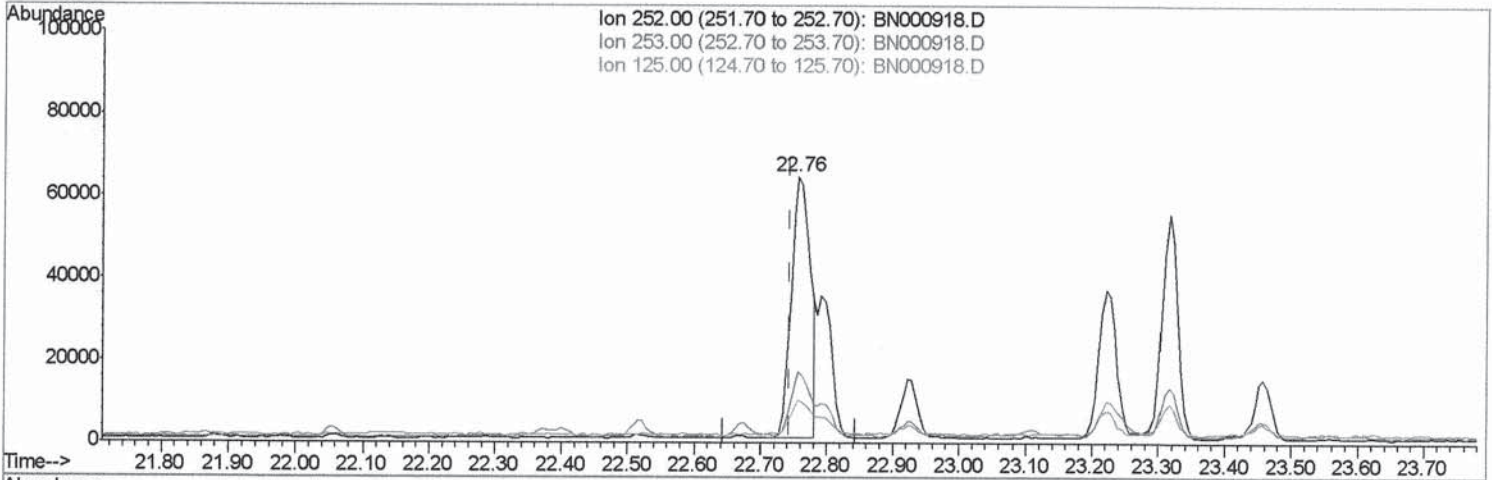
Quant Time: Apr 26 12:29:11 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000918.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 4.28ng/ul

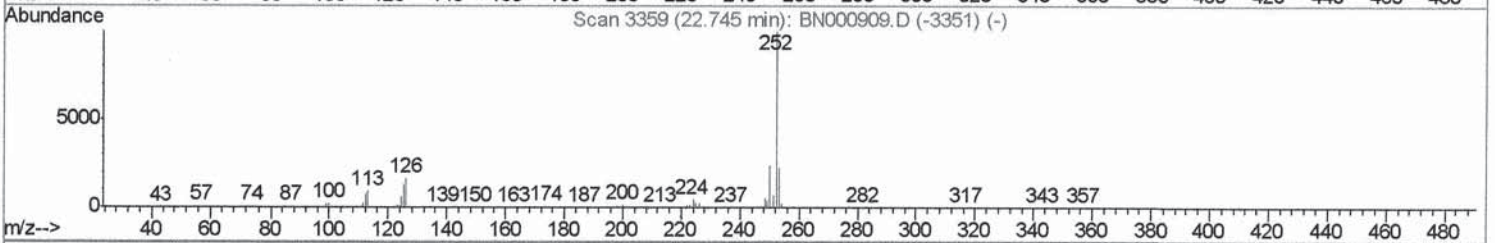
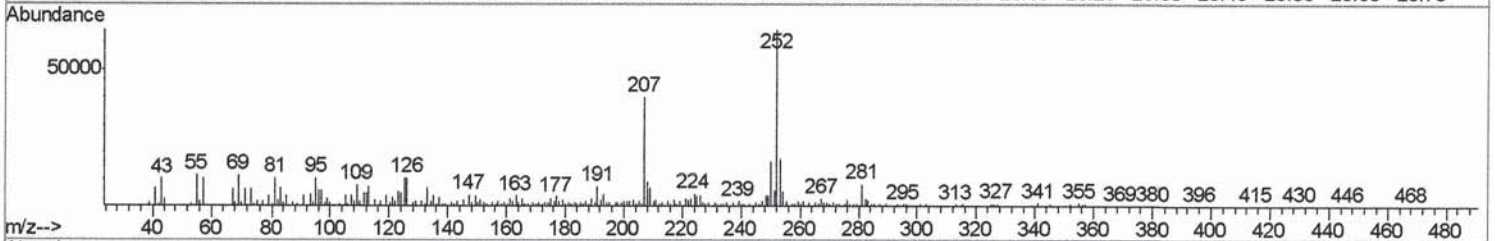
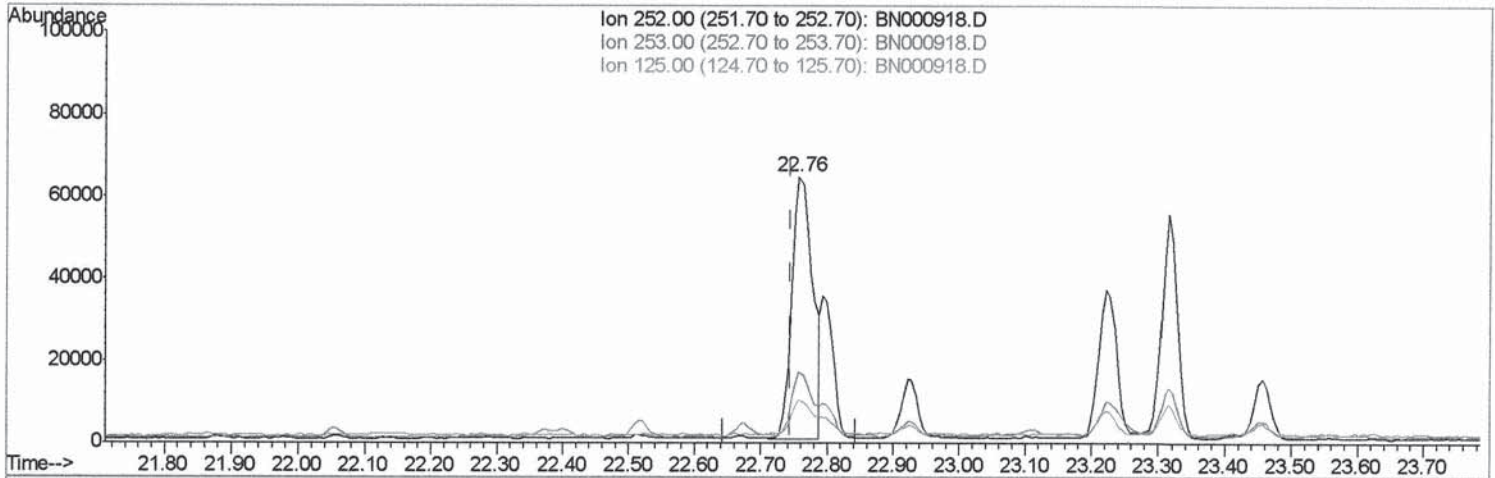
response 128382

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.96
125.00	10.00	16.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000918.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 4.67ng/ul m

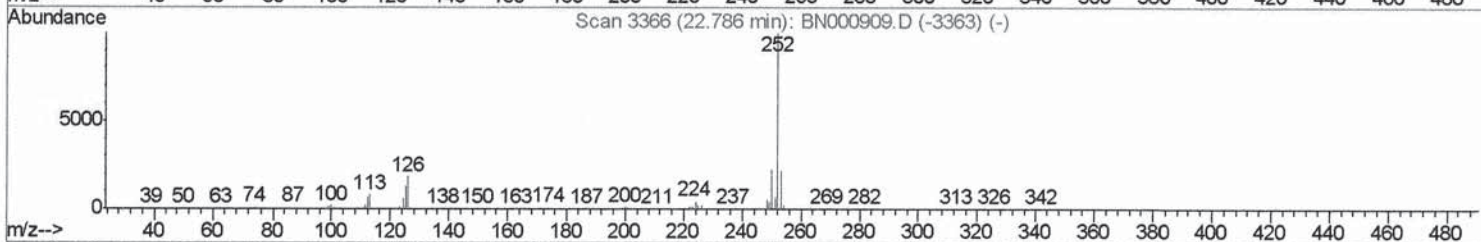
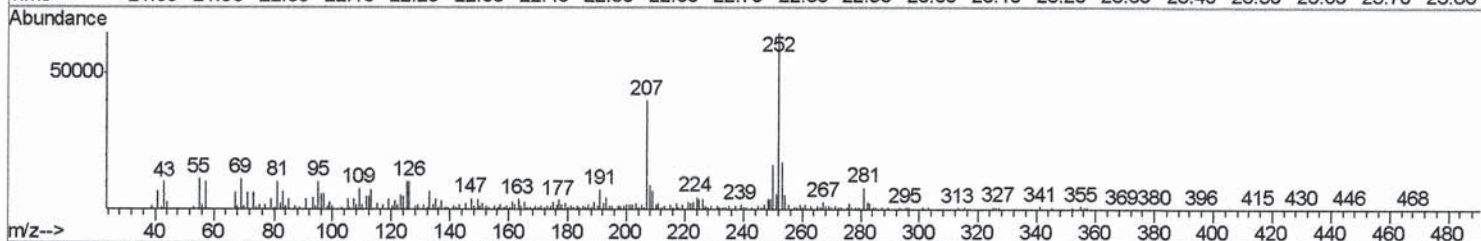
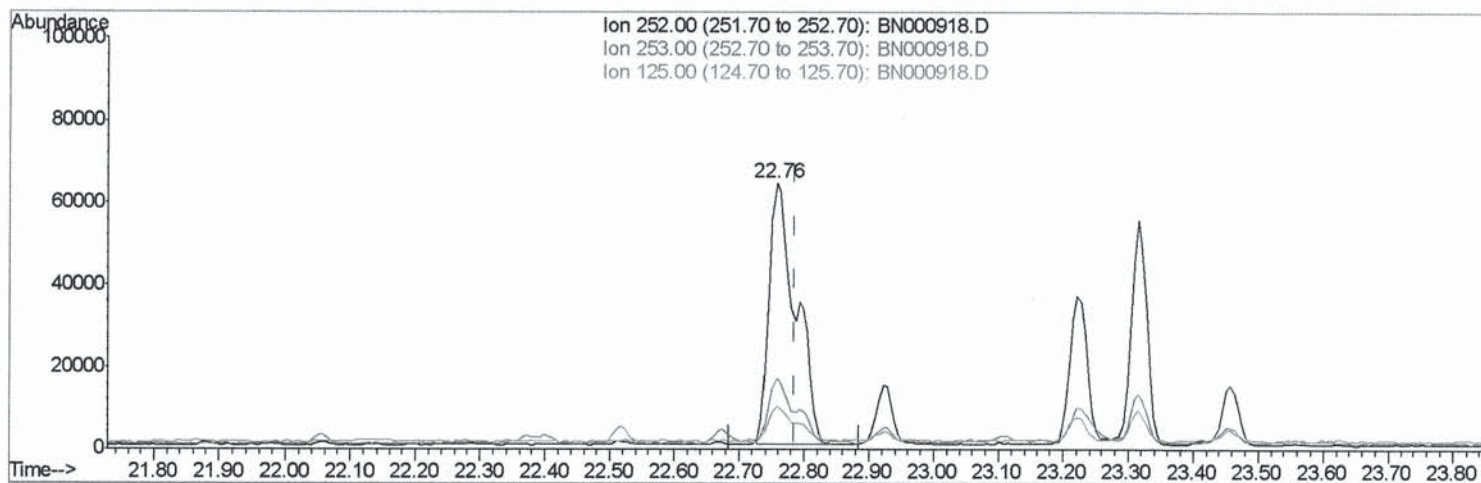
response 139883

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.96
125.00	10.00	16.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000918.D
Acq On : 26 Apr 2018 06:49
Operator : JU/SJ
Sample : J2444-20MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000918.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 6.19ng/ui

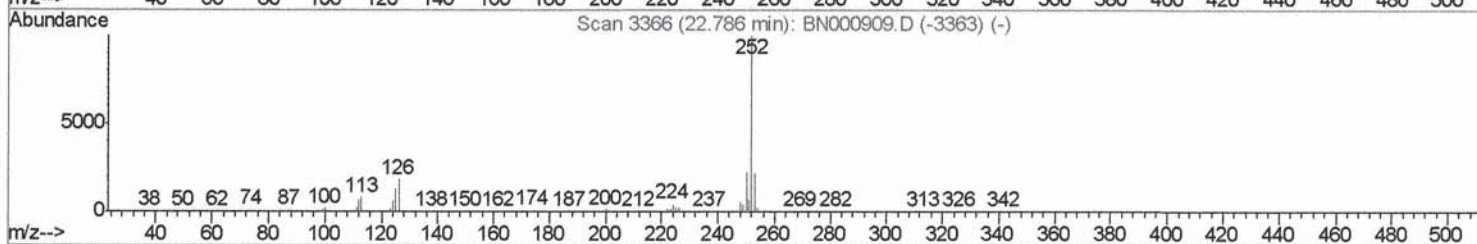
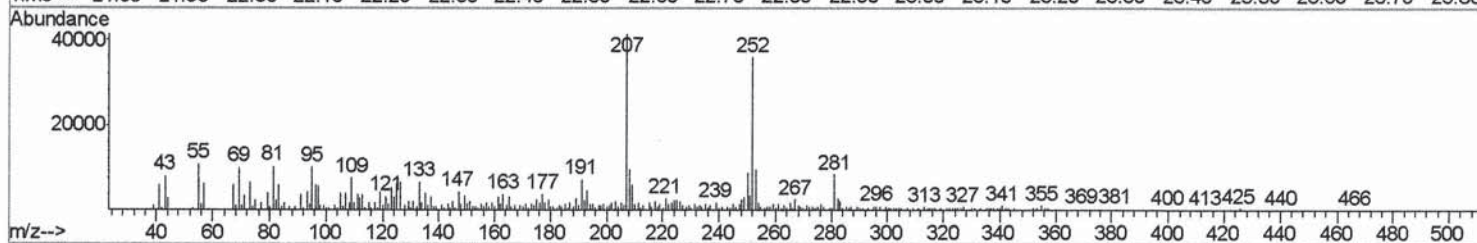
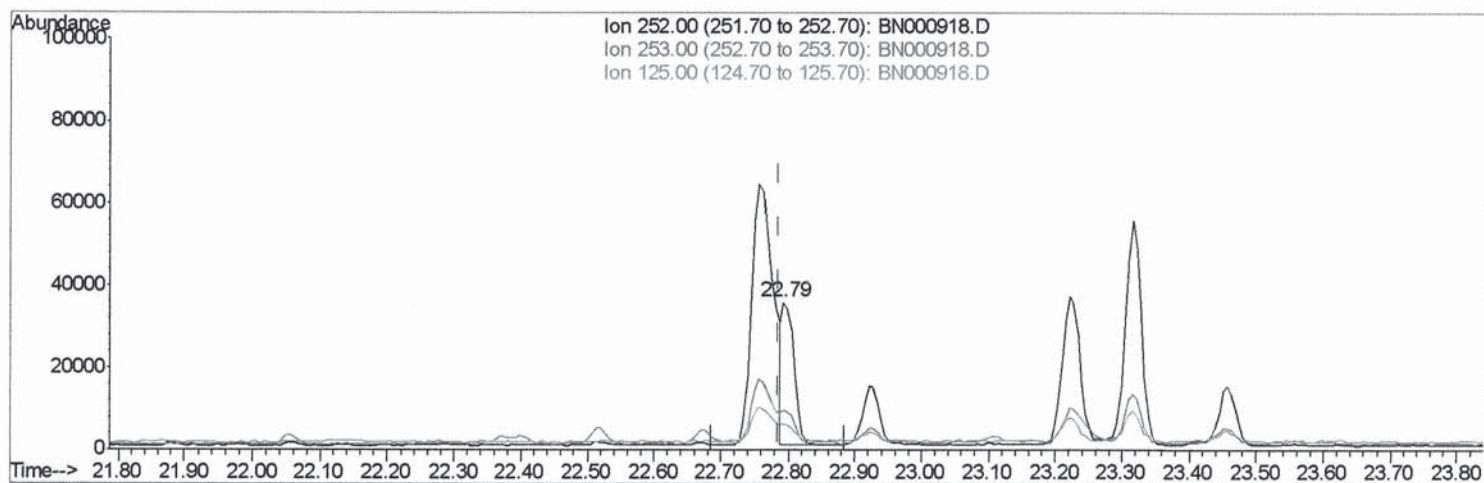
response 181677

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.96
125.00	10.10	16.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000918.D
Acq On : 26 Apr 2018 06:49
Operator : JU/SJ
Sample : J2444-20MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000918.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 1.50ng/ul m

response 44041

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.25#
125.00	10.10	18.41#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:29:11 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	137037	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	551372	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	261256	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	515031	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	491514	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	527415	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	831826	33.15	ng/ul	0.00
10) Fluorene-d10	15.26	176	555222	33.15	ng/ul	0.00
14) Anthracene-d10	17.10	188	793891	33.71	ng/ul	0.00
18) Pyrene-d10	19.41	212	846987	33.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	912863	36.64	ng/ul	0.02

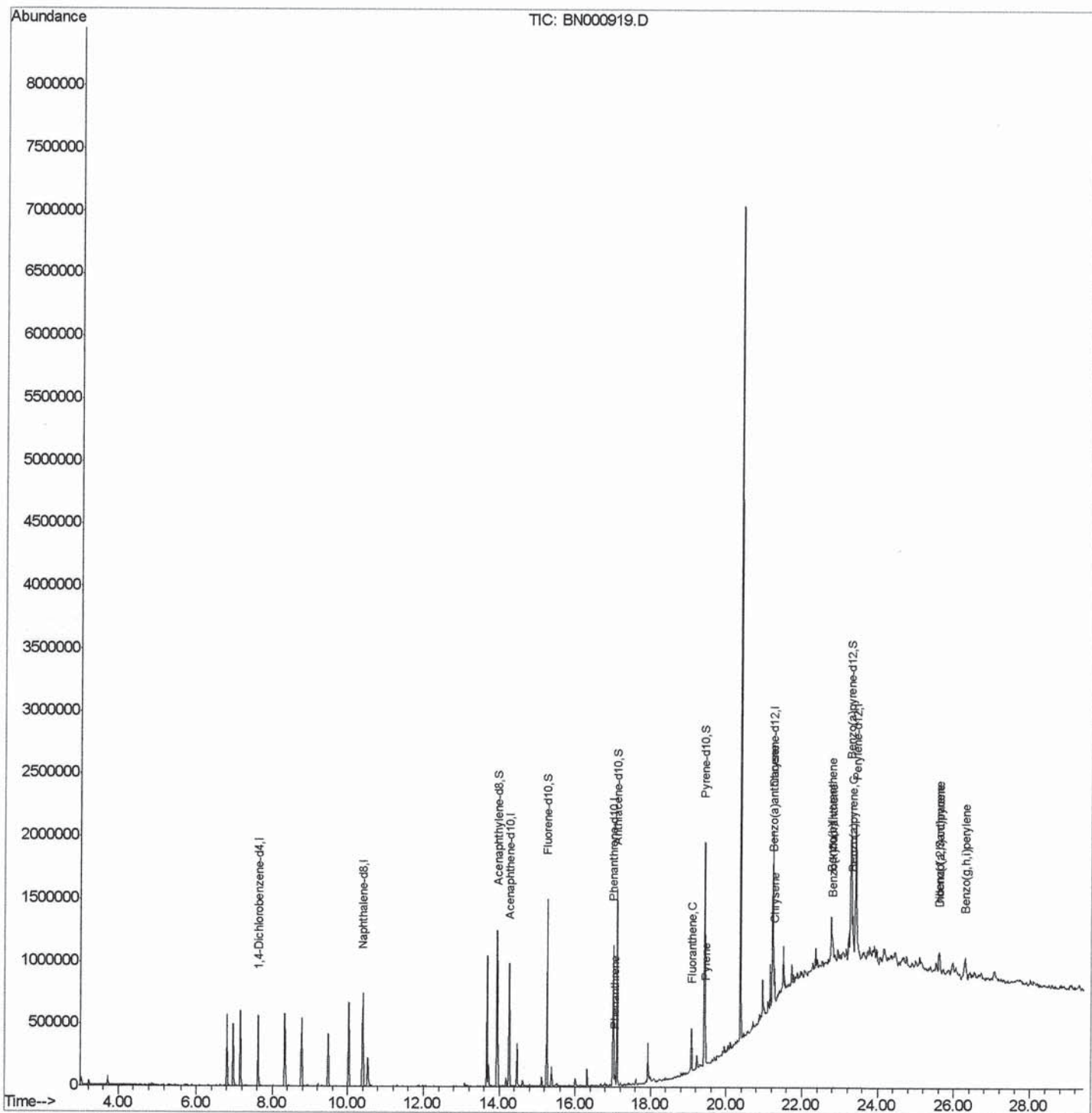
Target Compounds

						Qvalue
9) Acenaphthene	14.32	153	603769	35.189	ng/ul	96
13) Phenanthrene	17.05	178	95570	3.402	ng/ul	99
15) Anthracene	17.14	178	33137	1.176	ng/ul	97
16) Fluoranthene	19.07	202	201056	7.055	ng/ul	96
19) Pyrene	19.44	202	1239543	39.262	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	113991	3.880	ng/ul	93
21) Chrysene	21.25	228	104614	3.788	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	139883m	4.667	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	44041m	1.502	ng/ul	
26) Benzo(a)pyrene	23.32	252	90974	3.176	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.59	276	62688	1.812	ng/ul#	85
29) Benzo(g,h,i)perylene	26.26	276	61368	2.121	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000919.D
Acq On : 26 Apr 2018 07:23
Operator : JU/SJ
Sample : J2443-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

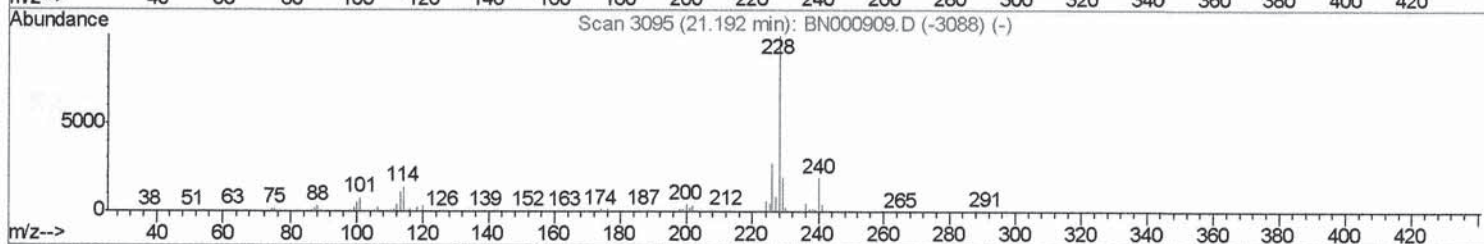
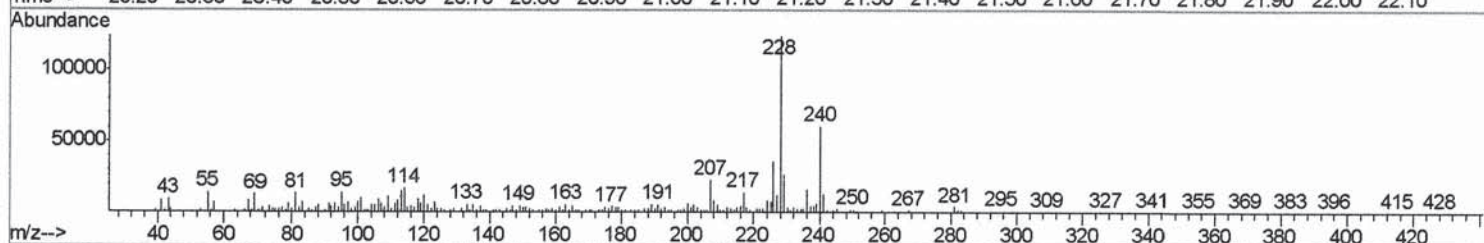
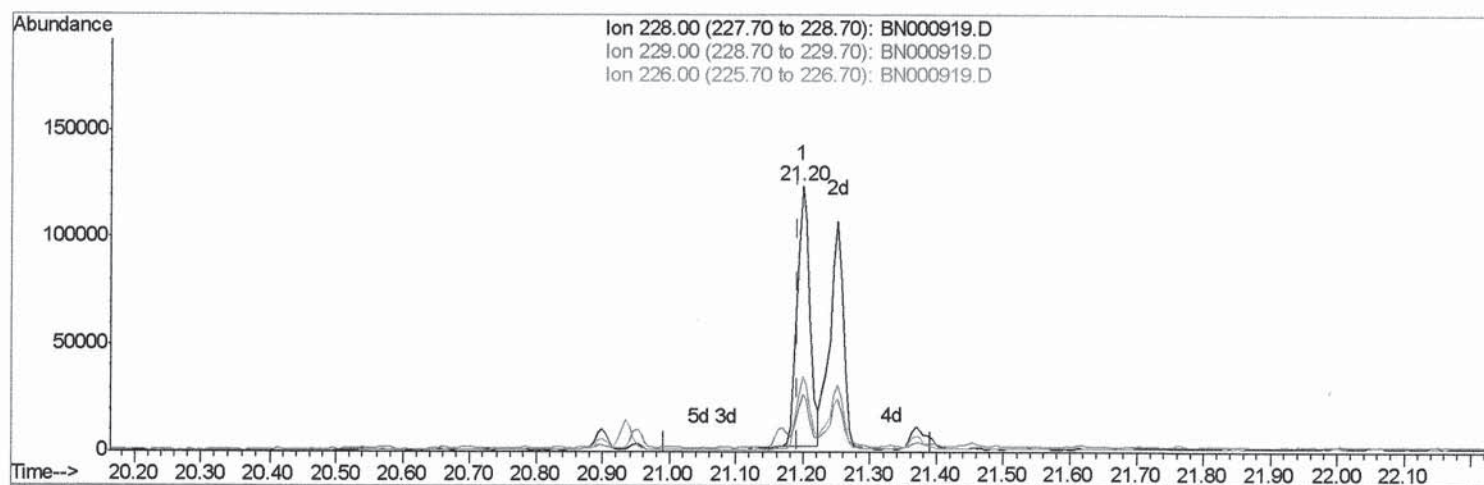
Quant Time: Apr 26 09:02:04 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000919.D
Acq On : 26 Apr 2018 07:23
Operator : JU/SJ
Sample : J2443-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000919.D

(20) Benzo(a)anthracene

21.198min (+0.006) 4.95ng/ul

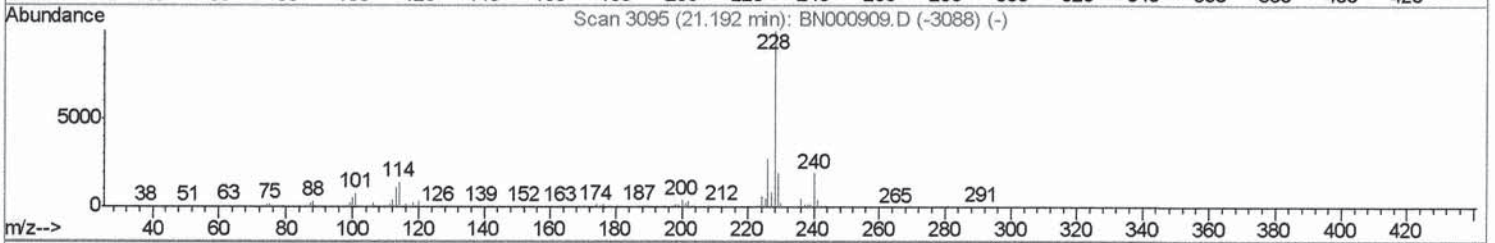
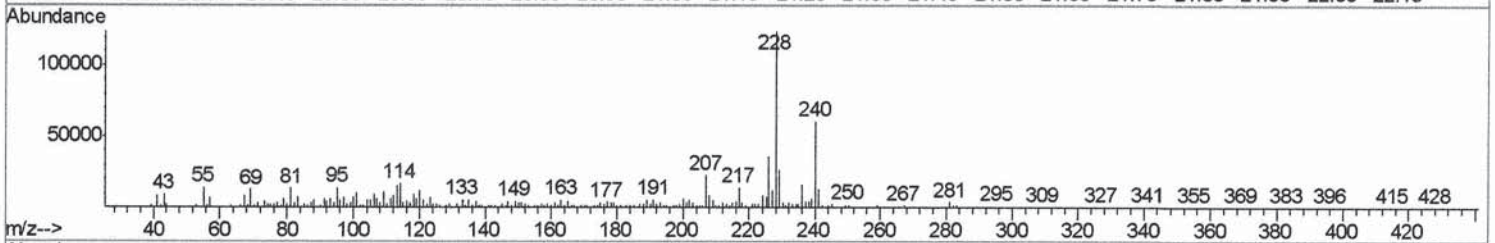
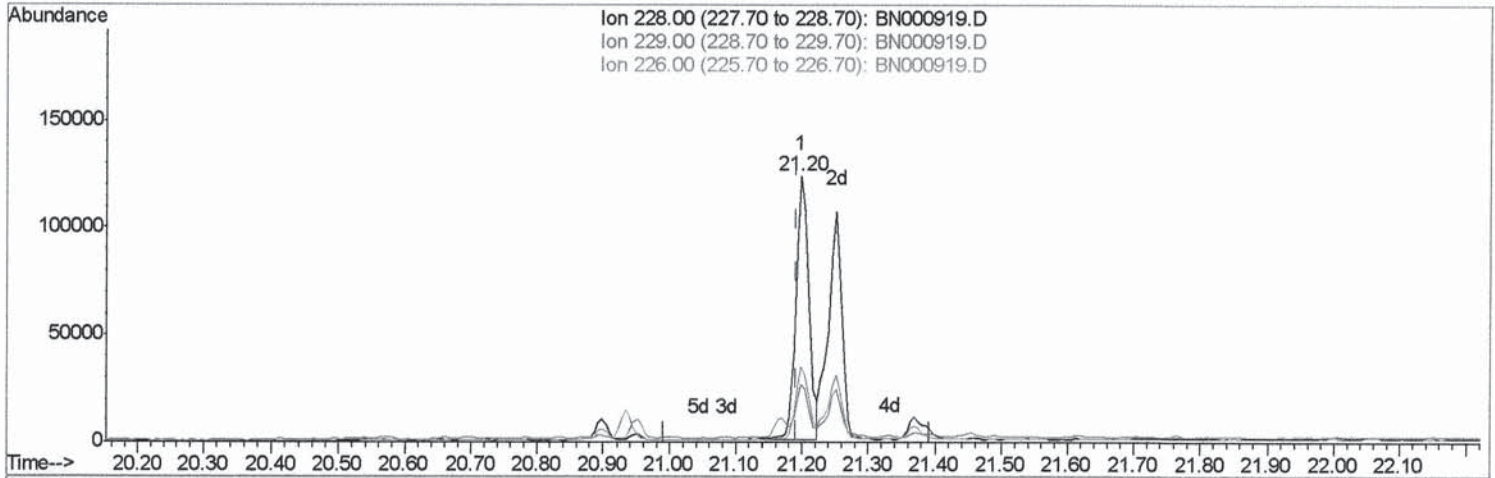
response 163432

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.65
226.00	26.40	28.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(20) Benzo(a)anthracene

21.198min (+0.006) 5.17ng/ul m

response 170476

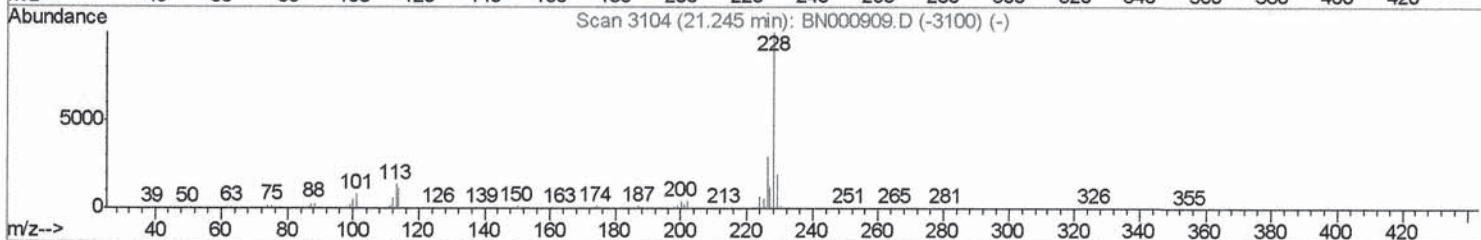
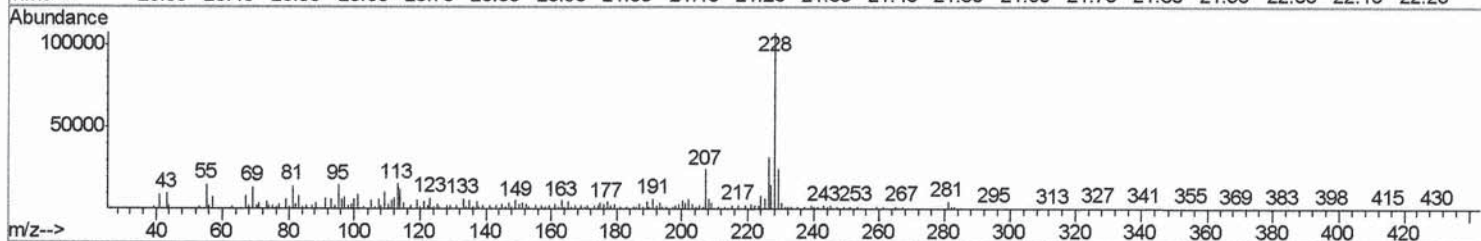
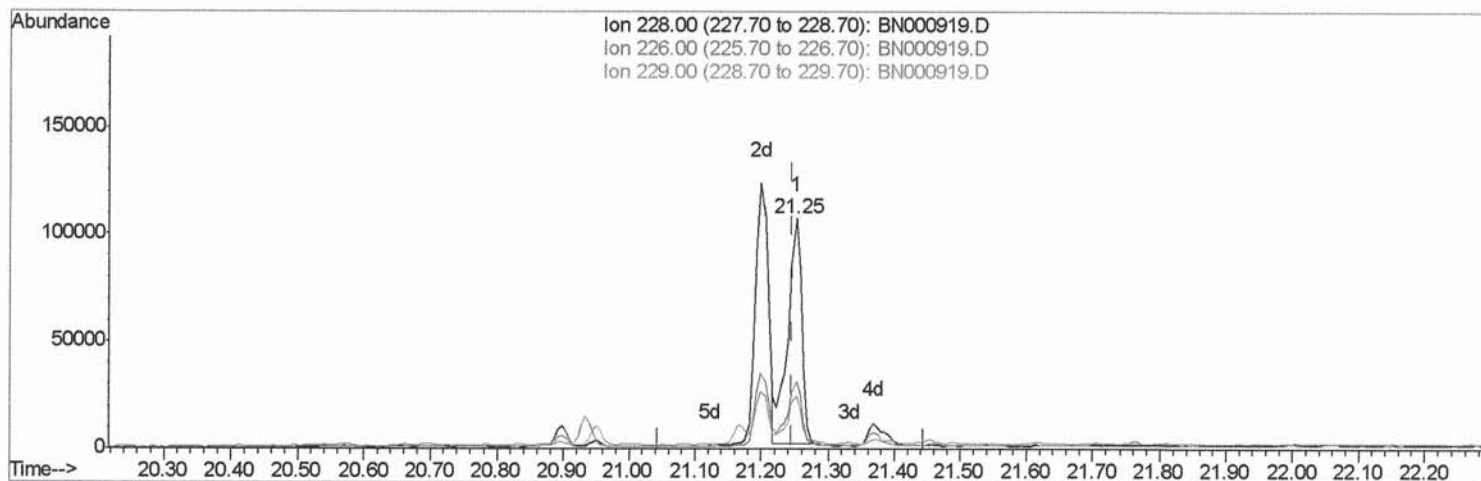
Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.65
226.00	26.40	28.63
0.00	0.00	0.00

JU 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(21) Chrysene

21.251min (+0.006) 5.00ng/ul

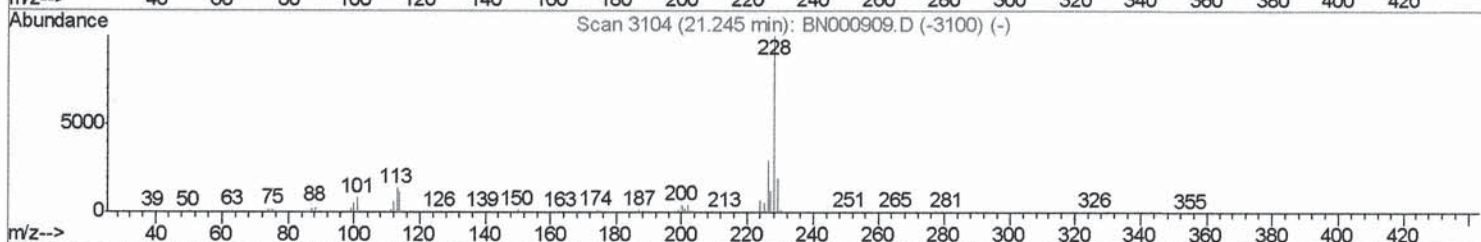
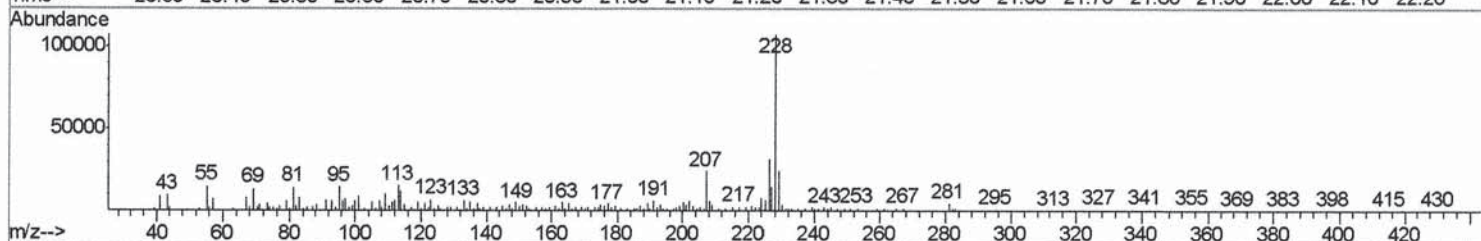
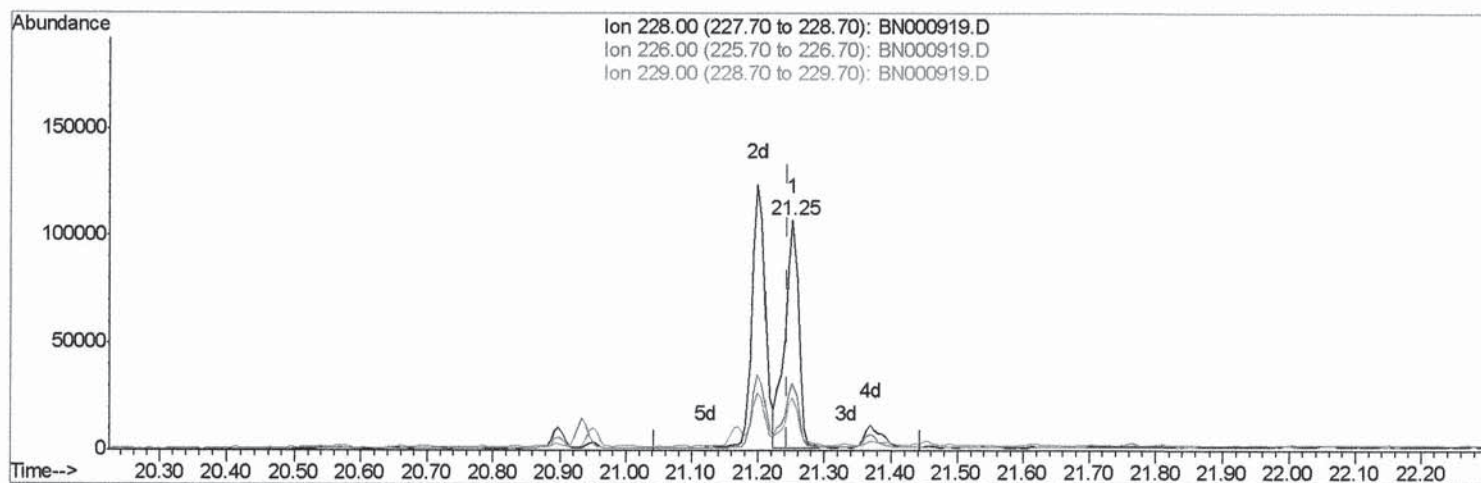
response 155066

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.64
229.00	19.80	22.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(21) Chrysene

21.251min (+0.006) 4.92ng/ul m

response 152520

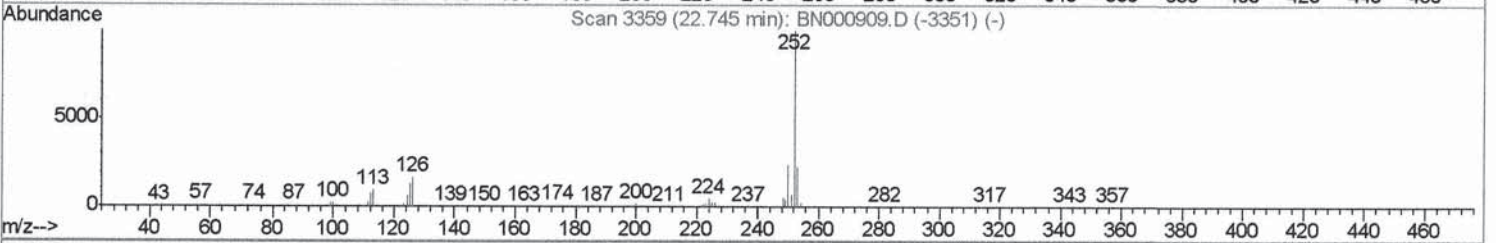
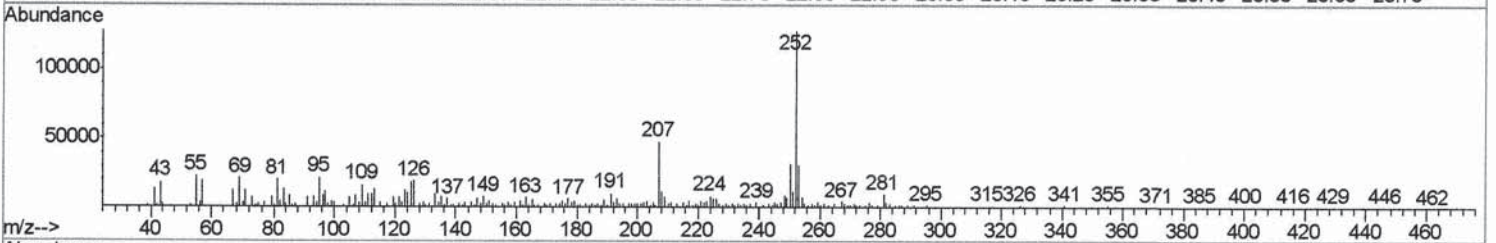
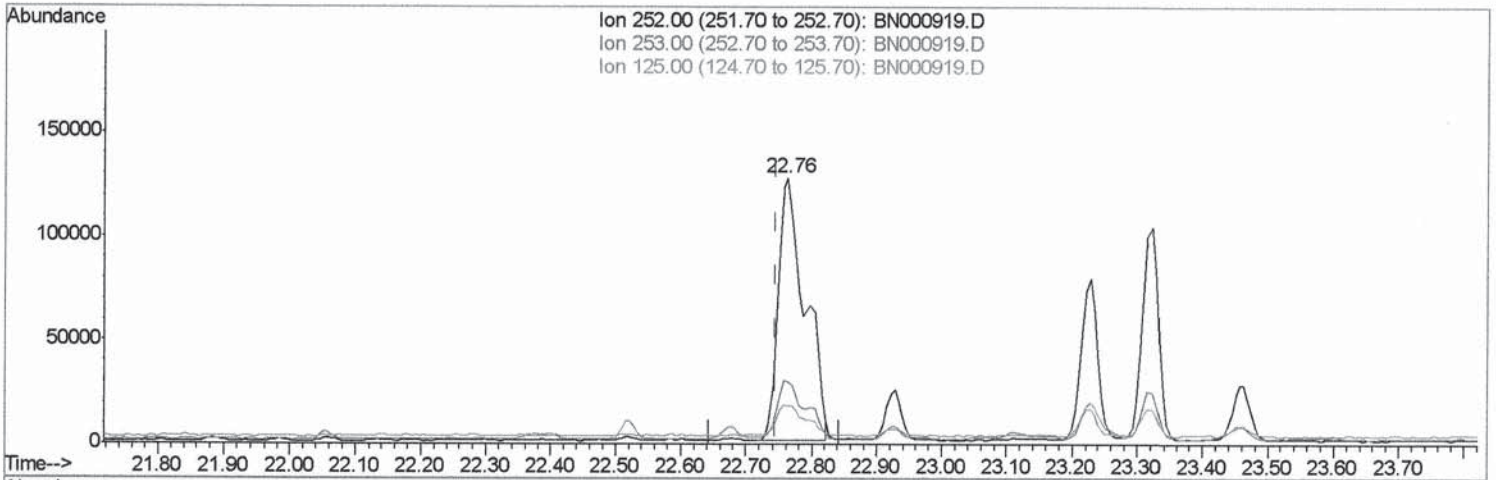
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.64
229.00	19.80	22.93
0.00	0.00	0.00

Handwritten signature: JU/SJ 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 10.67ng/ul

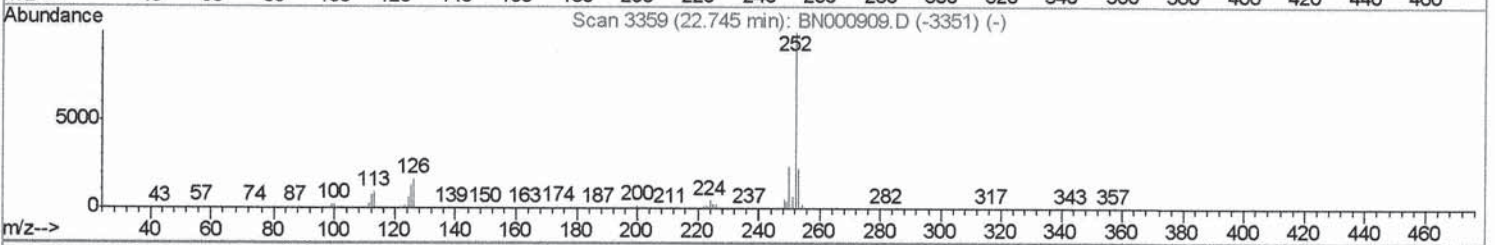
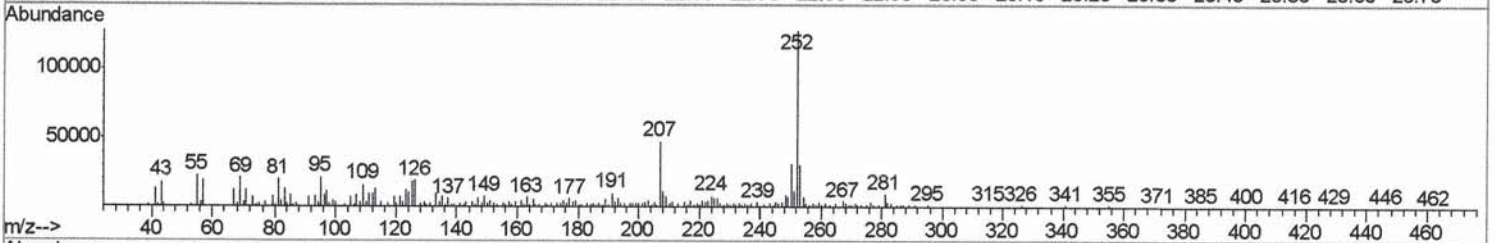
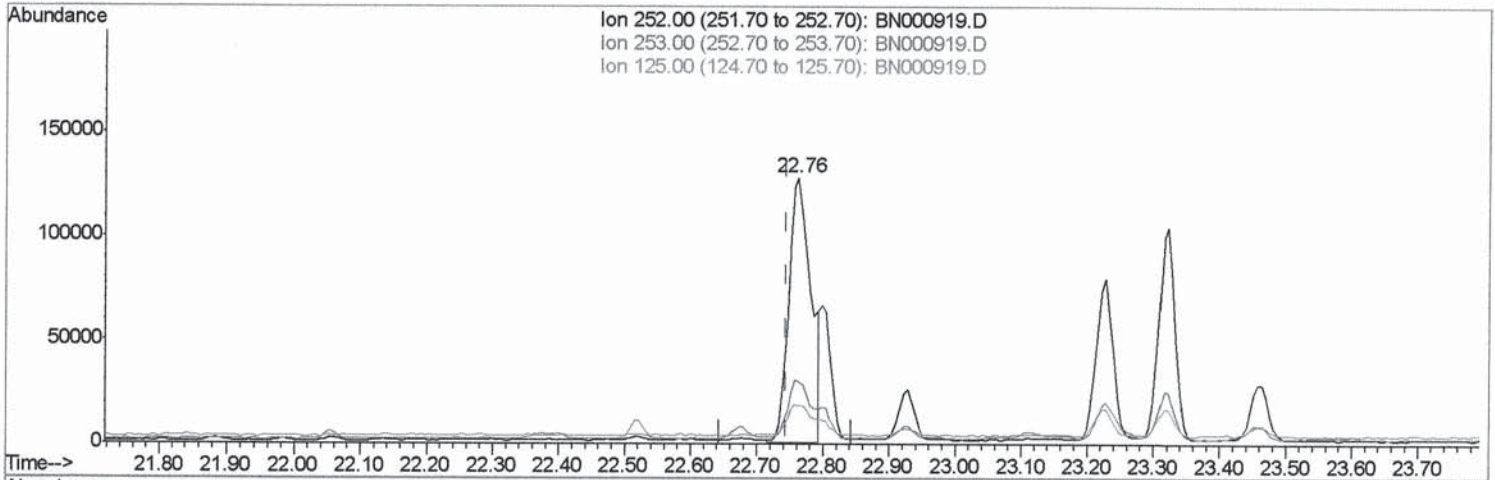
response 360475

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.85
125.00	10.00	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 8.73ng/ul m

response 295078

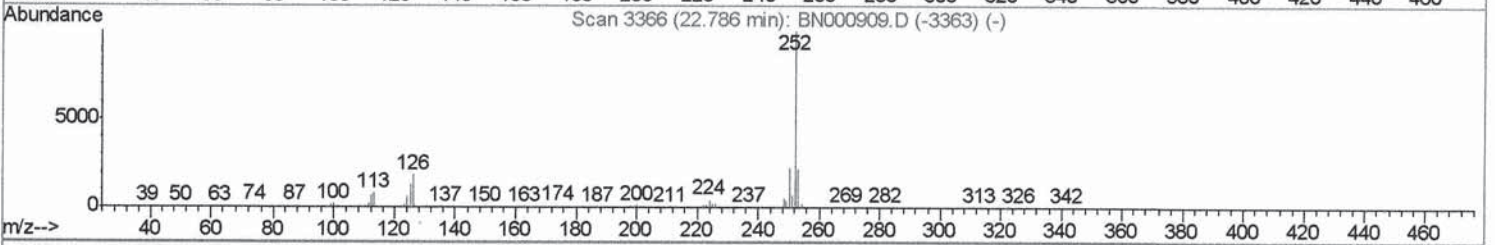
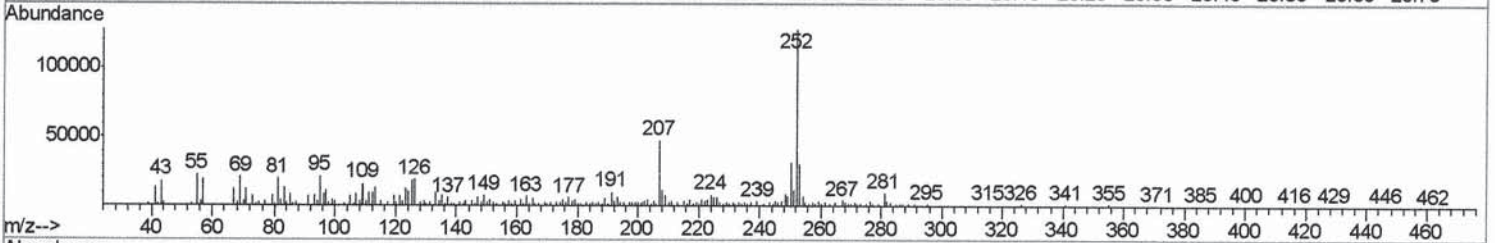
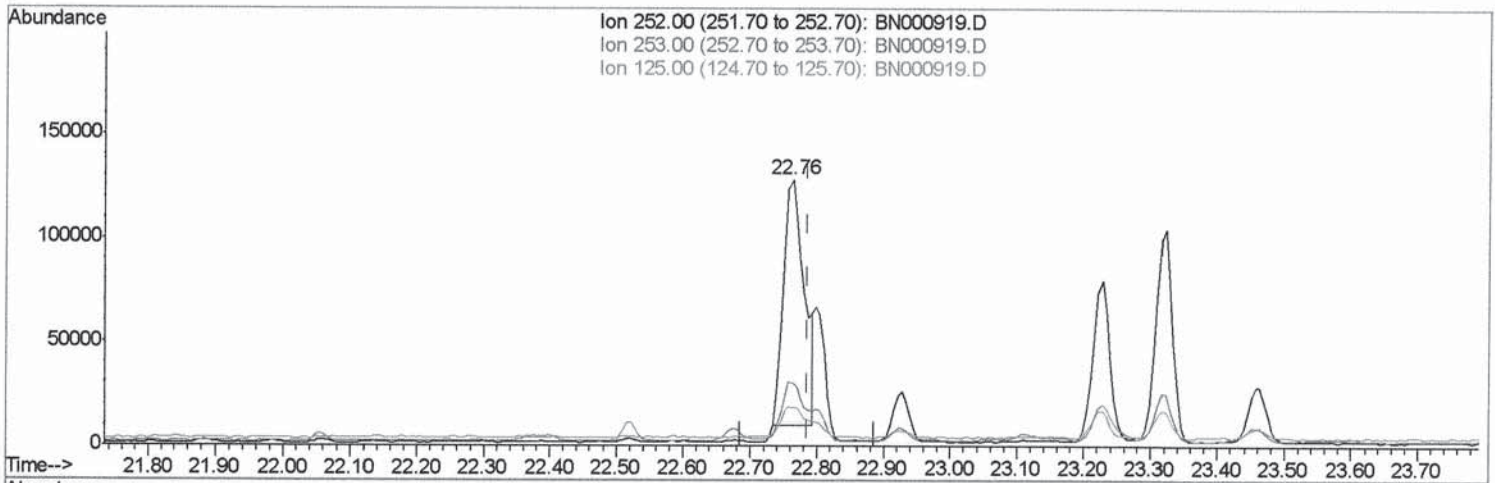
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.85
125.00	10.00	14.68#
0.00	0.00	0.00

JU/SJ 27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(24) Benzo(k)fluoranthene

22.763min (-0.023) 7.82ng/ul

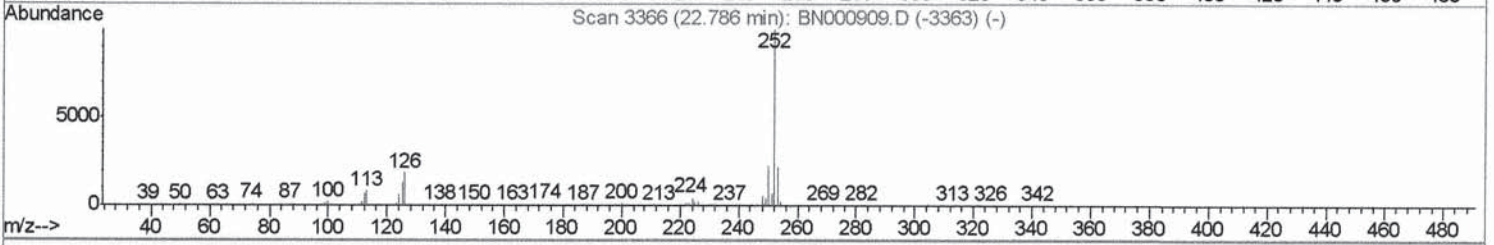
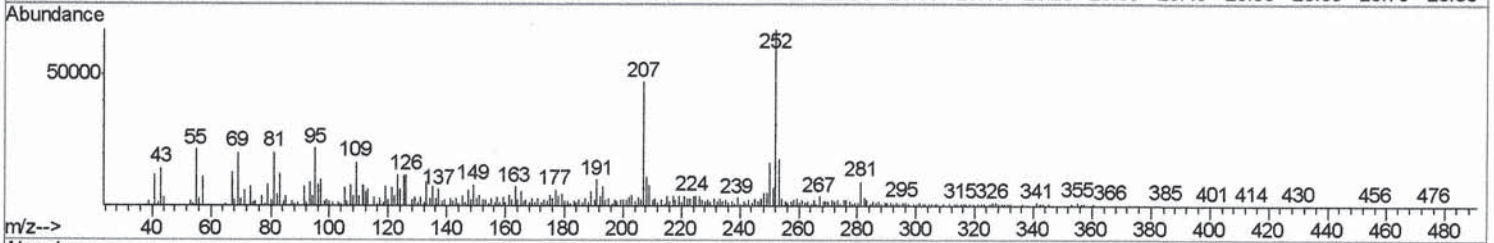
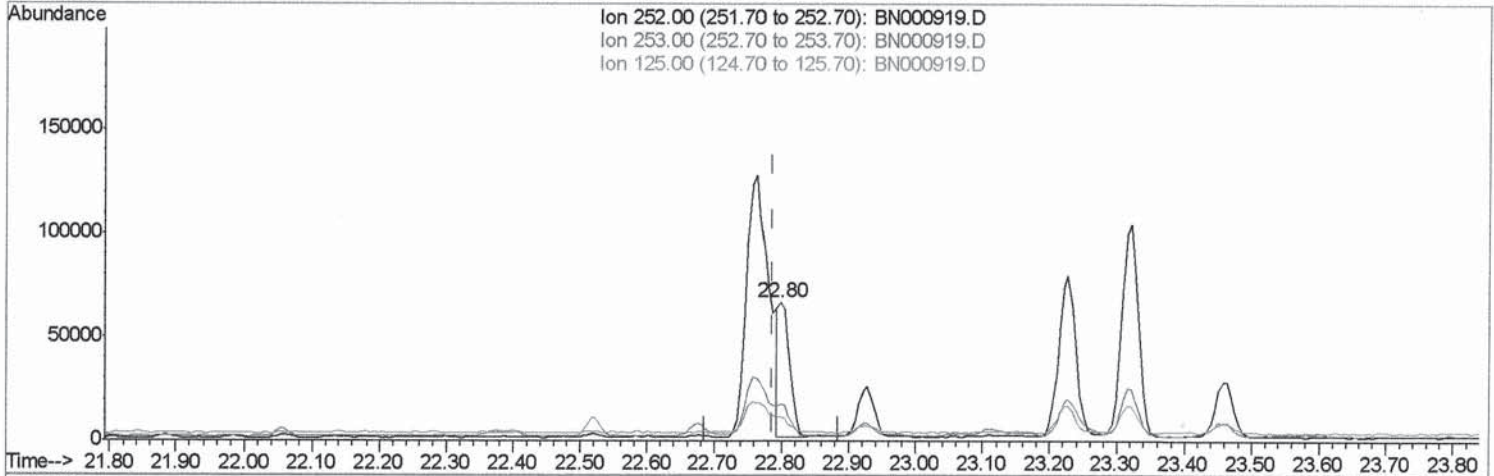
response 258447

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.85
125.00	10.10	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.798min (+0.012) 2.17ng/ul m

response 71759

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.12#
125.00	10.10	17.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 09:02:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	145659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	594890	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	294538	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	603568	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	551972	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	594439	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	847536	29.96	ng/ul	0.00
10) Fluorene-d10	15.26	176	545341	28.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	810212	29.35	ng/ul	0.00
18) Pyrene-d10	19.41	212	835153	29.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	795695	28.34	ng/ul	0.02

Target Compounds

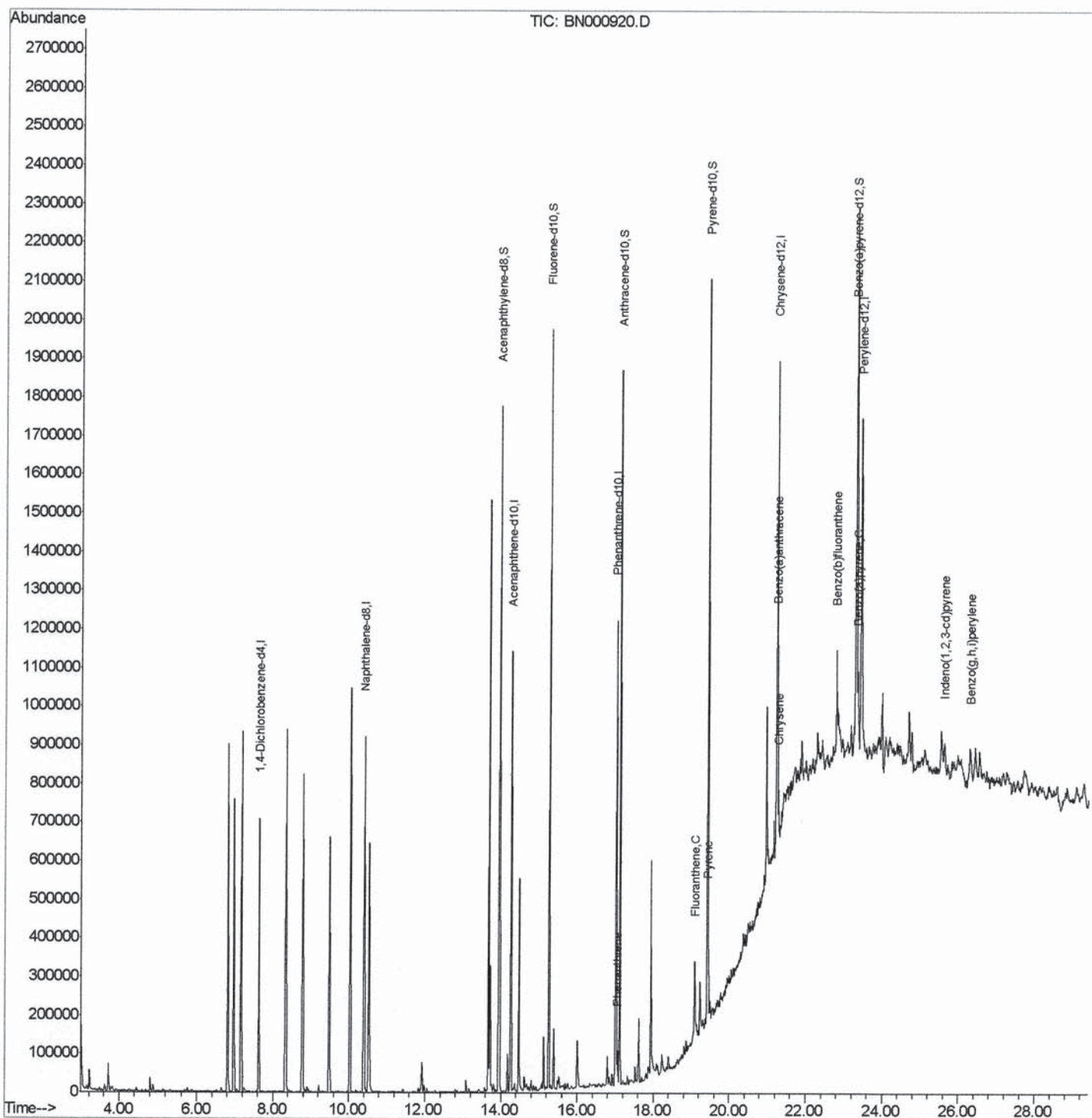
					Ovalue	
13) Phenanthrene	17.05	178	52556	1.597	ng/ul	100
16) Fluoranthene	19.07	202	193482	5.793	ng/ul	96
19) Pyrene	19.44	202	162941	4.596	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	170476m	5.167	ng/ul	
21) Chrysene	21.25	228	152520m	4.918	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	295078m	8.735	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	71759m	2.171	ng/ul	
26) Benzo(a)pyrene	23.32	252	173949	5.388	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.60	276	134830	3.458	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.61	278	39701	1.222	ng/ul#	67
29) Benzo(a,h,i)perylene	26.27	276	124785	3.826	ng/ul#	91

Handwritten note: 7/24/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000920.D
Acq On : 26 Apr 2018 07:58
Operator : JU/SJ
Sample : J2485-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

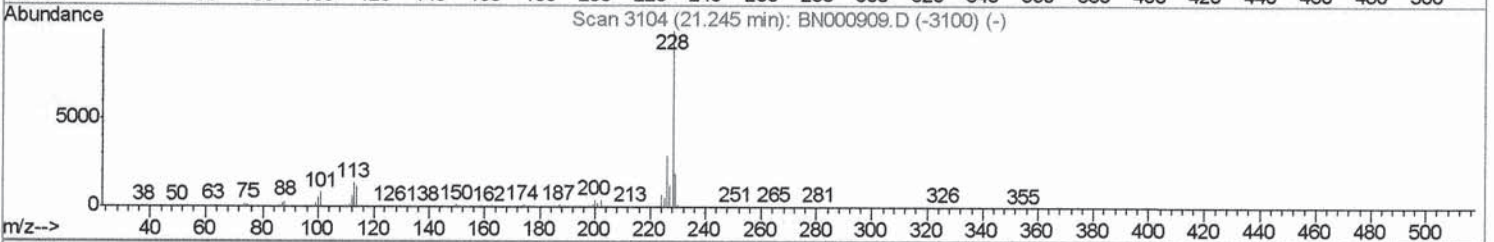
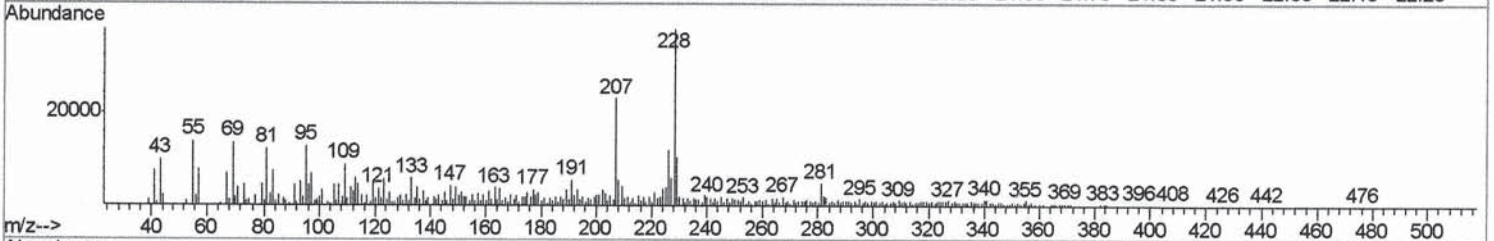
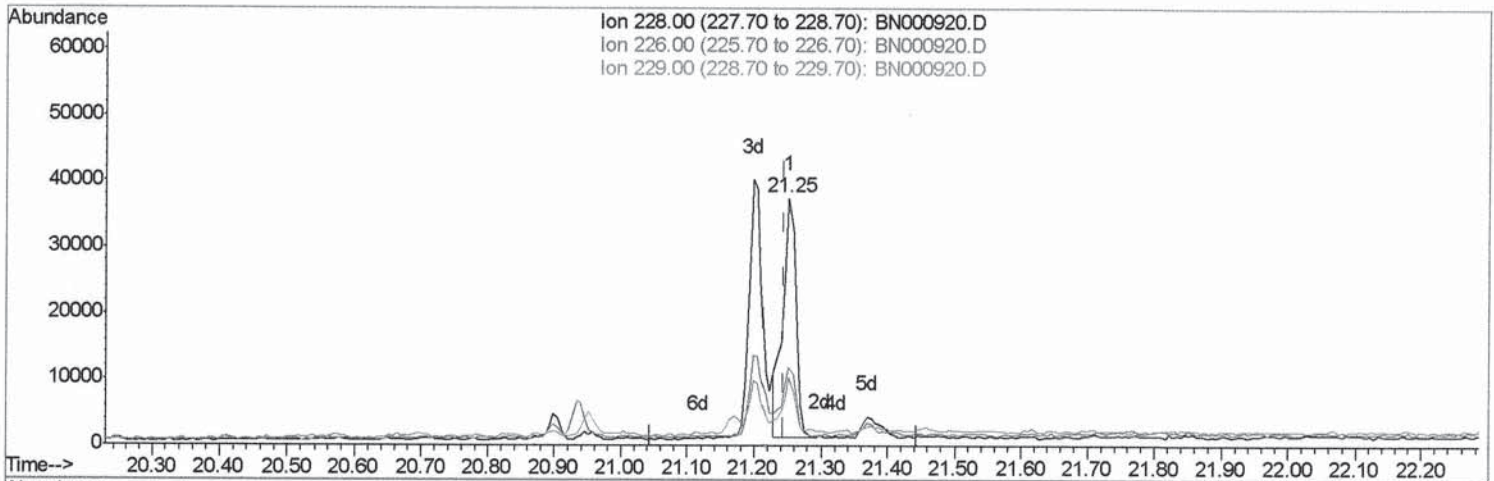
Quant Time: Apr 26 09:05:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

(21) Chrysene

21.251min (+0.006) 1.71ng/ul

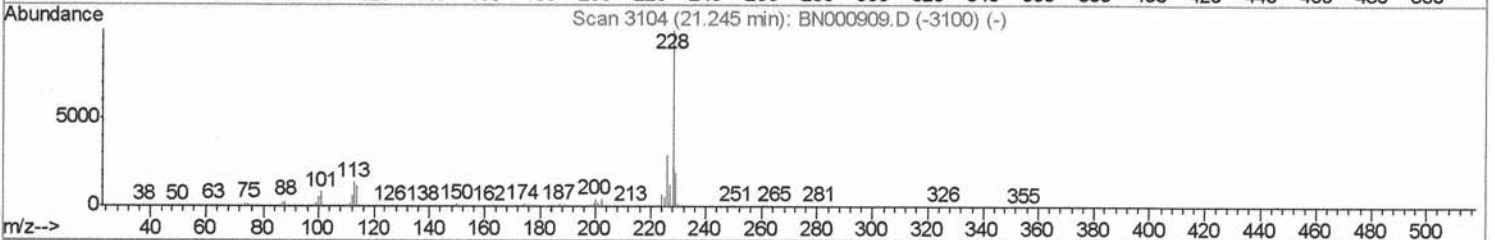
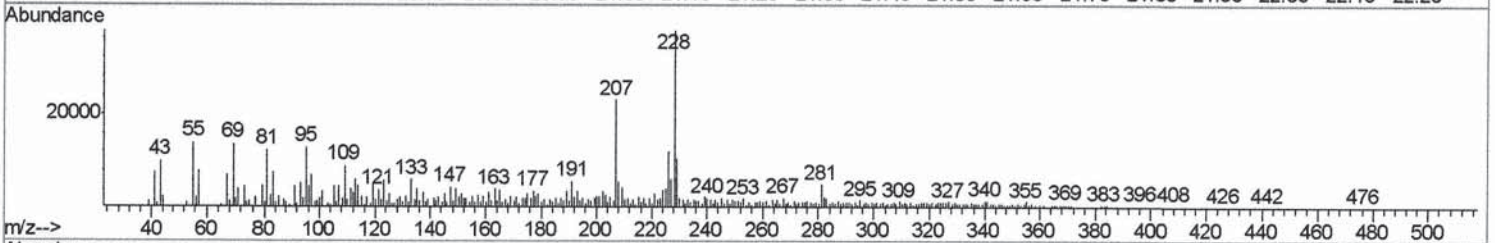
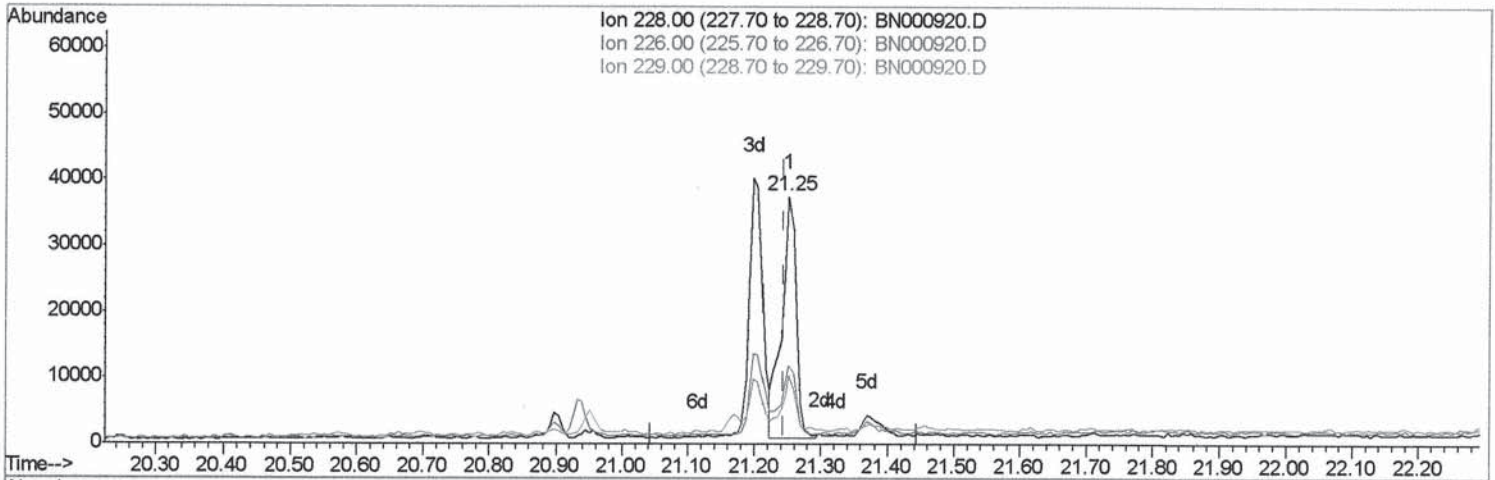
response 49262

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.80
229.00	19.80	27.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

(21) Chrysene

21.251min (+0.006) 1.90ng/ul m

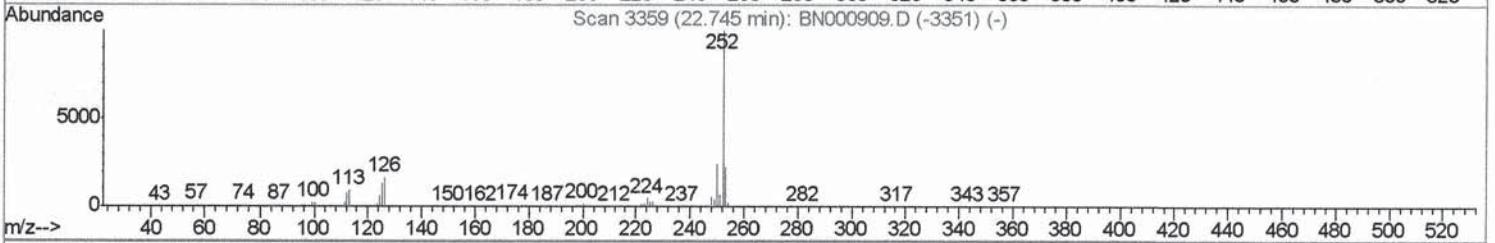
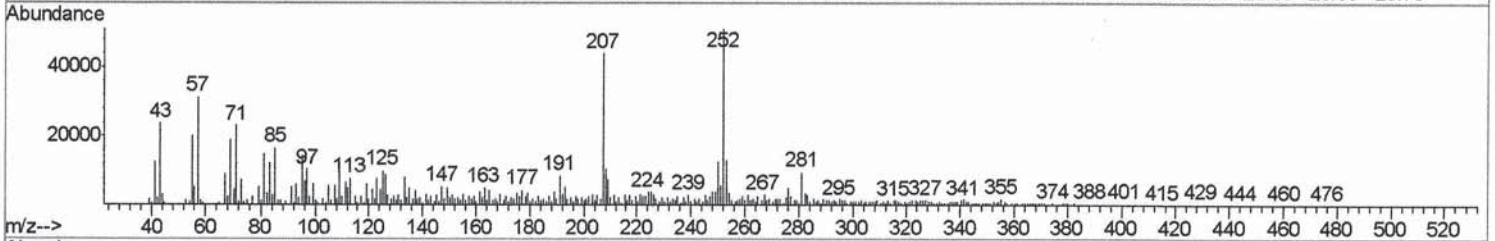
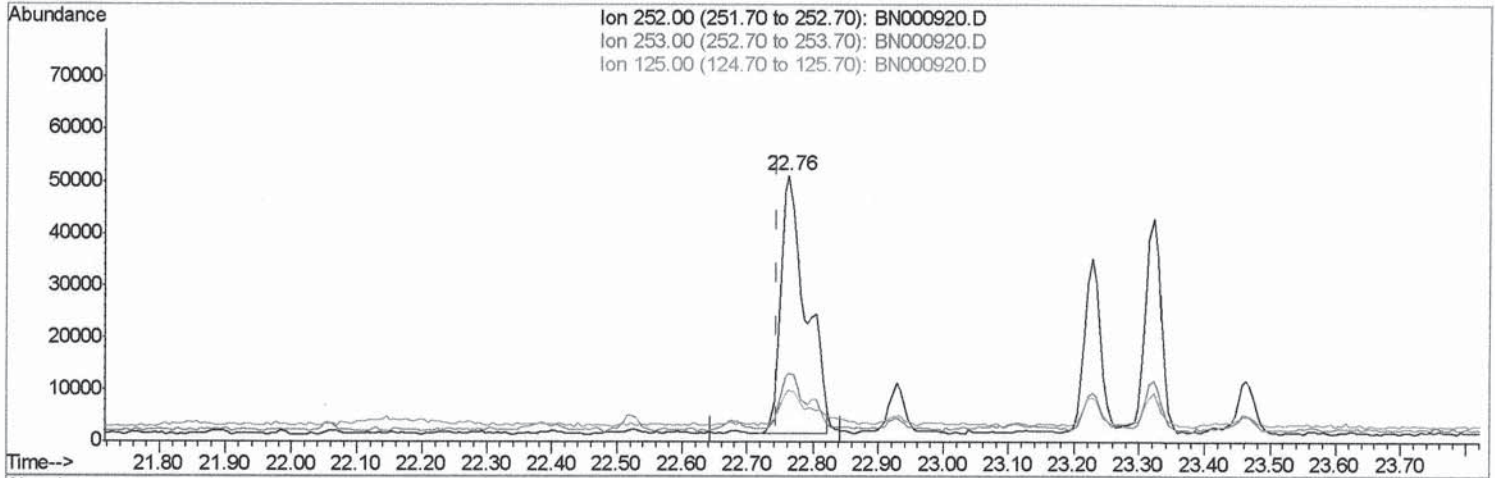
response 54598

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.80
229.00	19.80	27.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

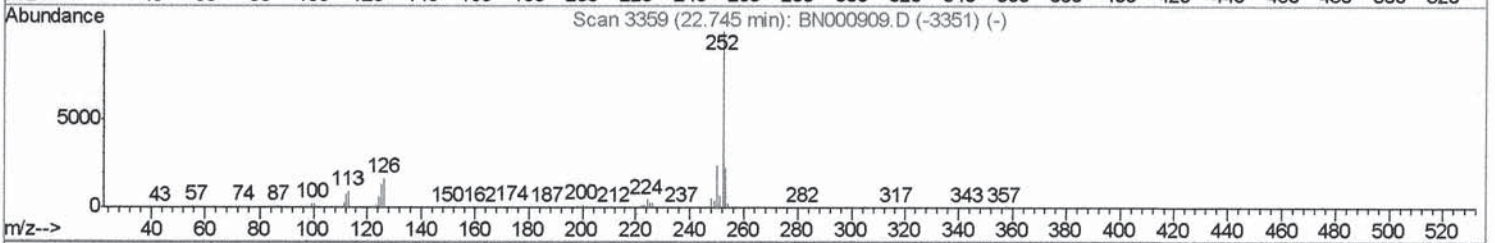
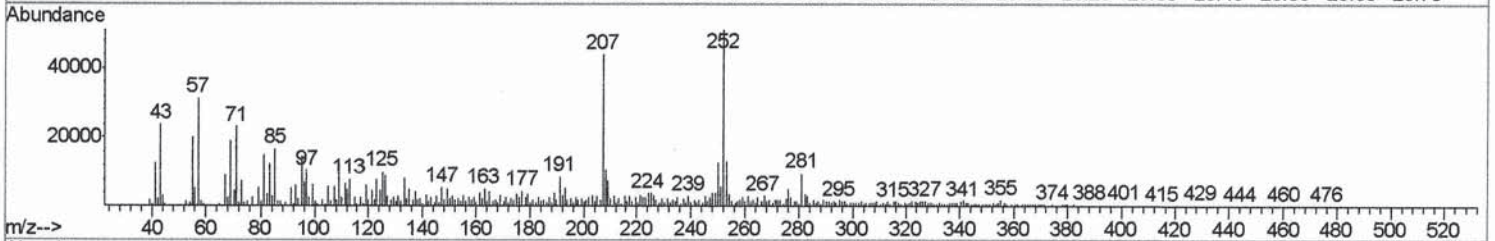
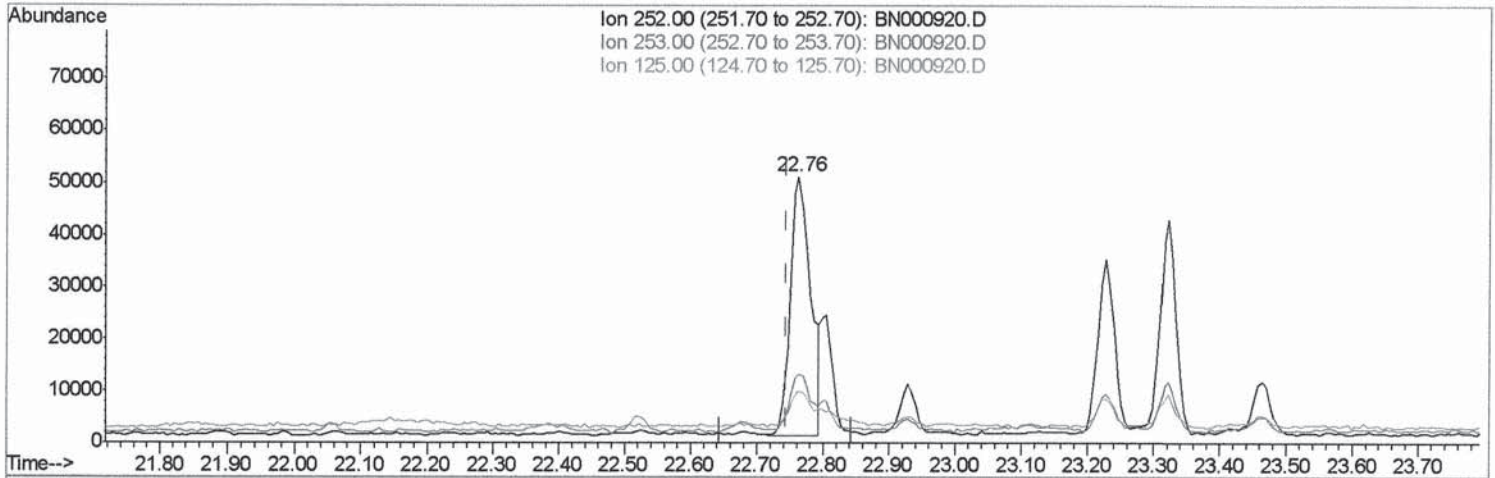
(23) Benzo(b)fluoranthene
 22.763min (+0.018) 4.16ng/ul
 response 132462

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.04
125.00	10.00	19.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 3.34ng/ul m

response 106360

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.04
125.00	10.00	19.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

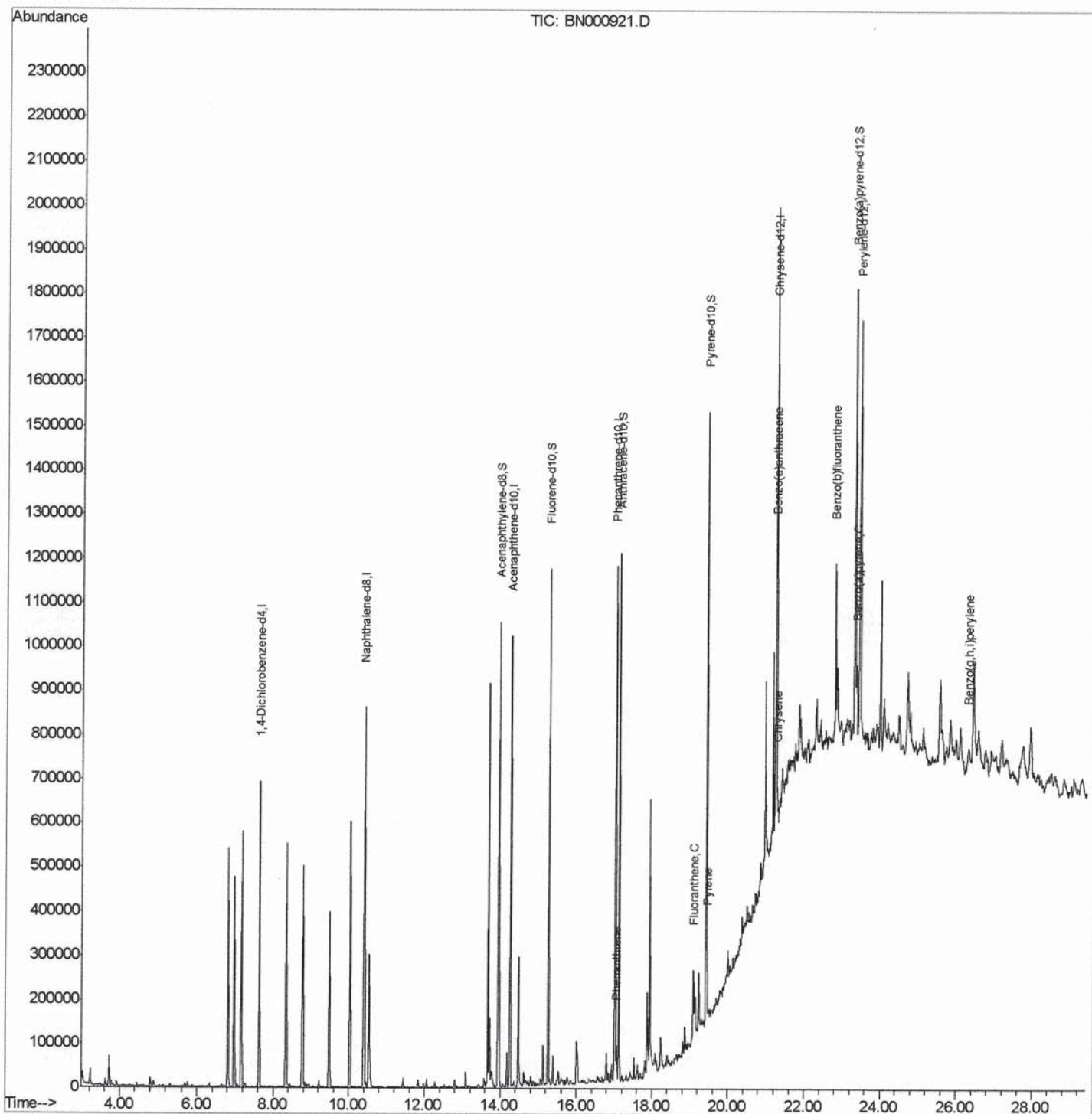
Quant Time: Apr 26 09:05:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	174437	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	731747	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	347859	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	616731	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	511829	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	560429	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1095266	32.78	ng/ul	0.01
10) Fluorene-d10	15.26	176	724138	32.47	ng/ul	0.00
14) Anthracene-d10	17.11	188	935261	33.16	ng/ul	0.01
18) Pyrene-d10	19.42	212	896567	34.19	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	953849	36.03	ng/ul	0.02
Target Compounds						
					Ovalue	
13) Phenanthrene	17.05	178	47721	1.419	ng/ul	99
16) Fluoranthene	19.07	202	96092	2.816	ng/ul#	94
19) Pyrene	19.44	202	81181	2.469	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	54103	1.768	ng/ul#	87
21) Chrysene	21.25	228	54598m	1.899	ng/ul	} JUCAP 27/18
23) Benzo(b)fluoranthene	22.76	252	106360m	3.339	ng/ul	
26) Benzo(a)pyrene	23.32	252	69900	2.296	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	25.60	276	69073	1.879	ng/ul#	80
29) Benzo(g,h,i)perylene	26.27	276	66305	2.156	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000921.D
Acq On : 26 Apr 2018 08:32
Operator : JU/SJ
Sample : J2443-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

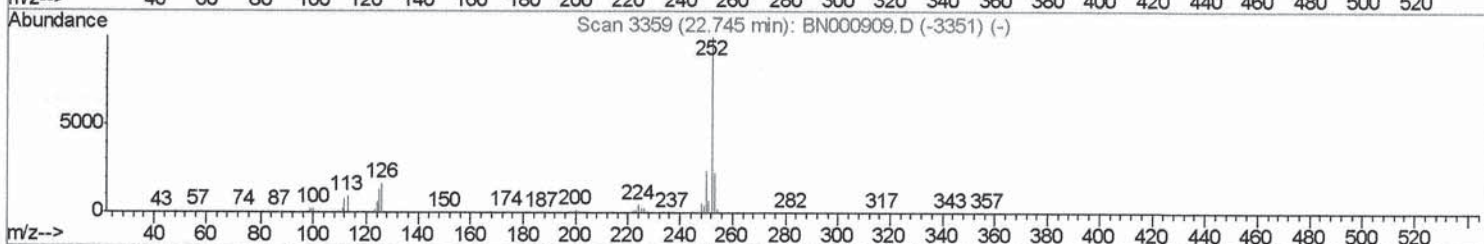
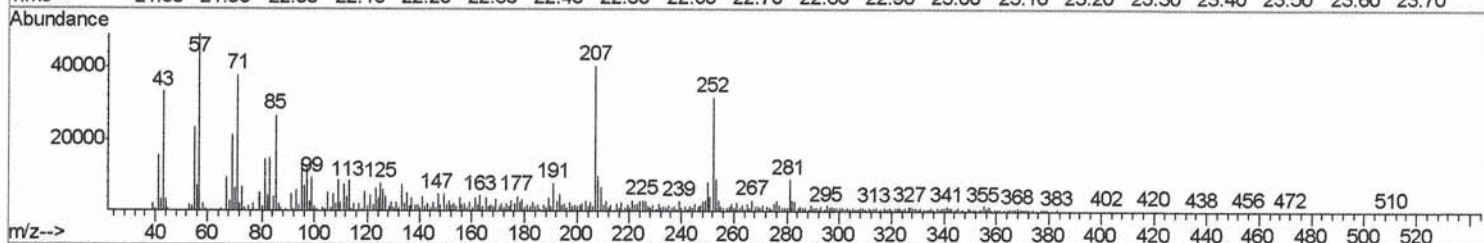
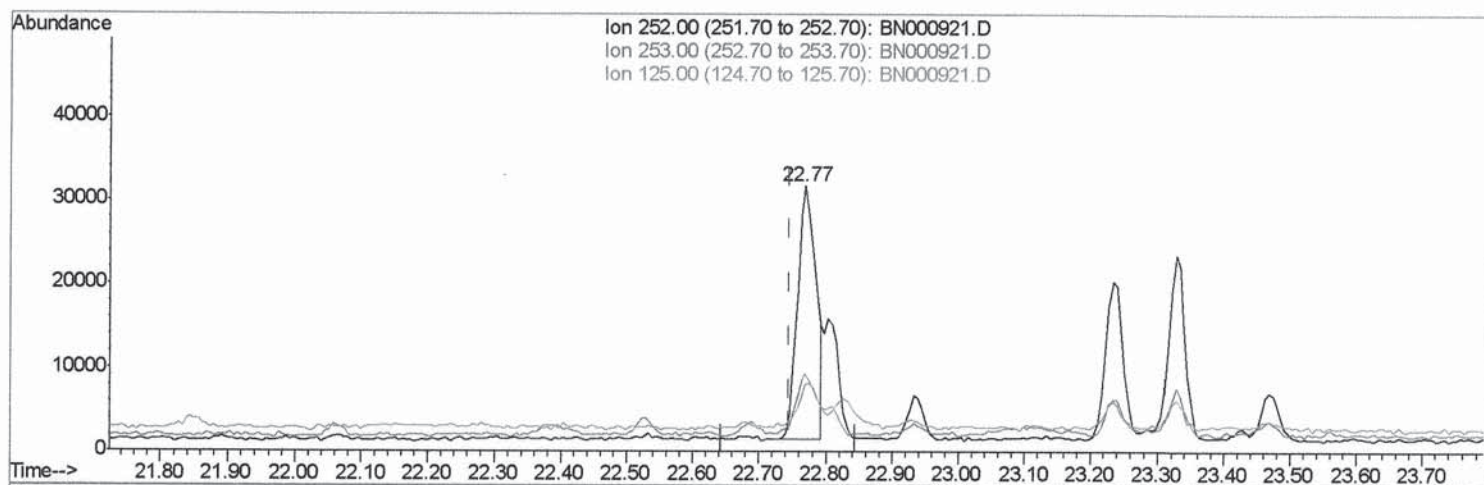
Quant Time: Apr 26 12:36:57 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(23) Benzo(b)fluoranthene

22.768min (+0.023) 1.66ng/ul

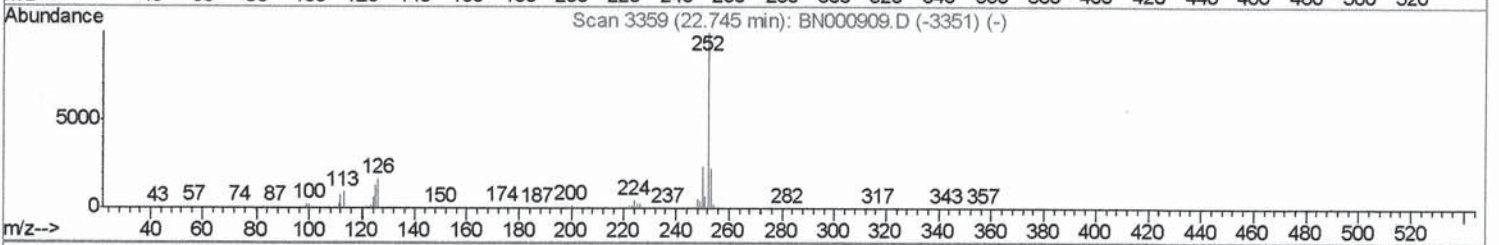
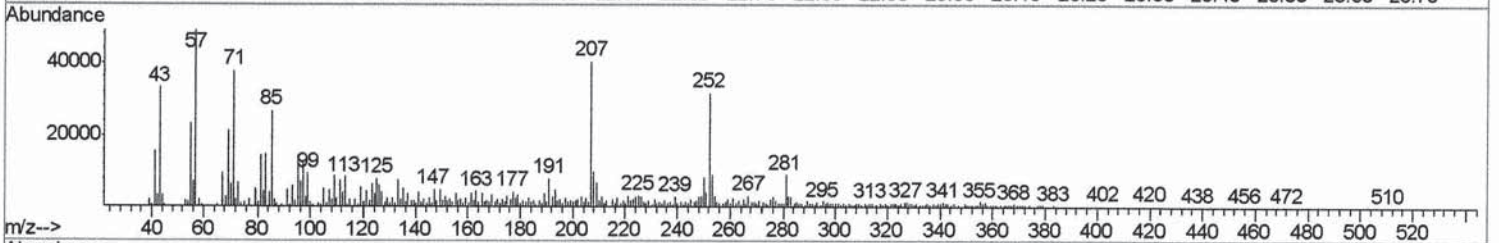
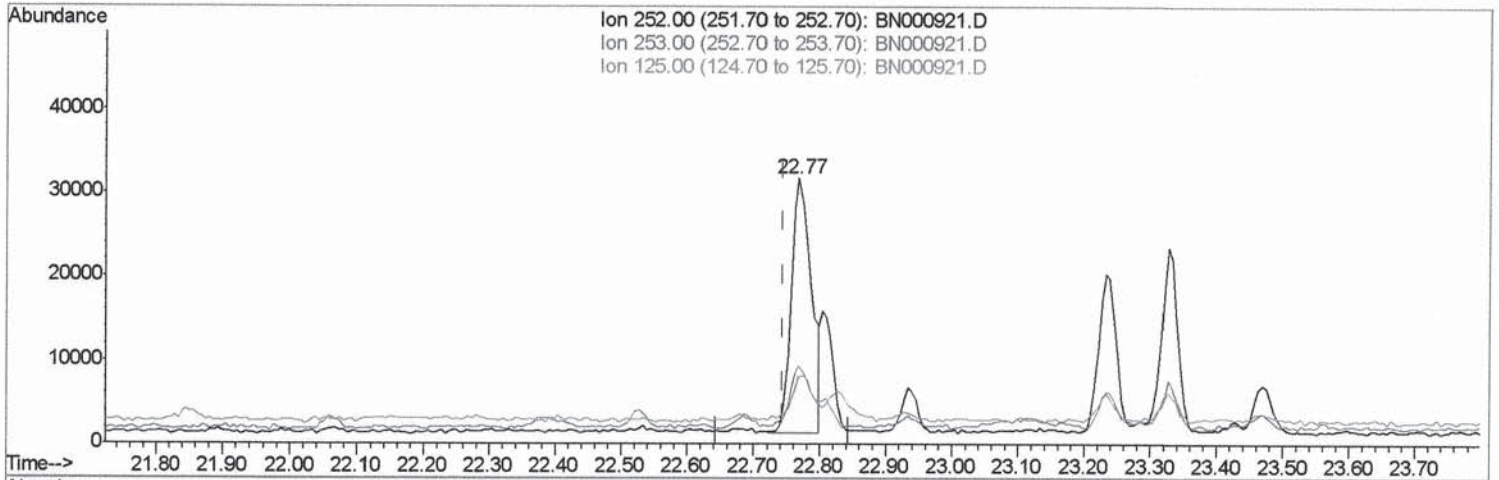
response 59230

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.00	25.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(23) Benzo(b)fluoranthene

22.768min (+0.023) 1.80ng/ul m

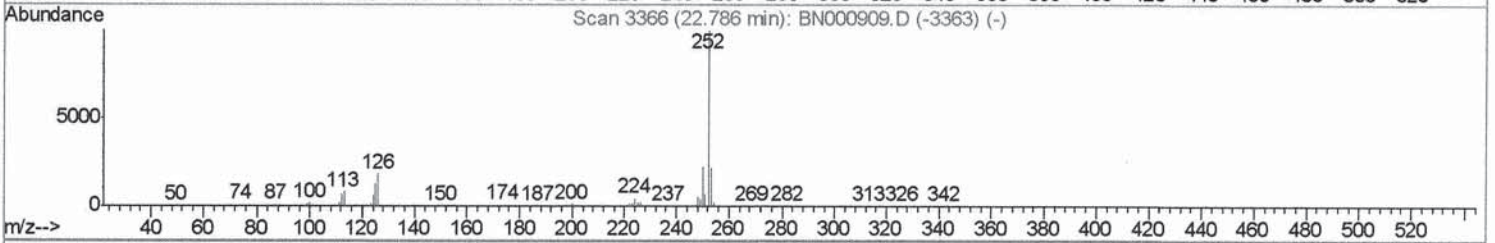
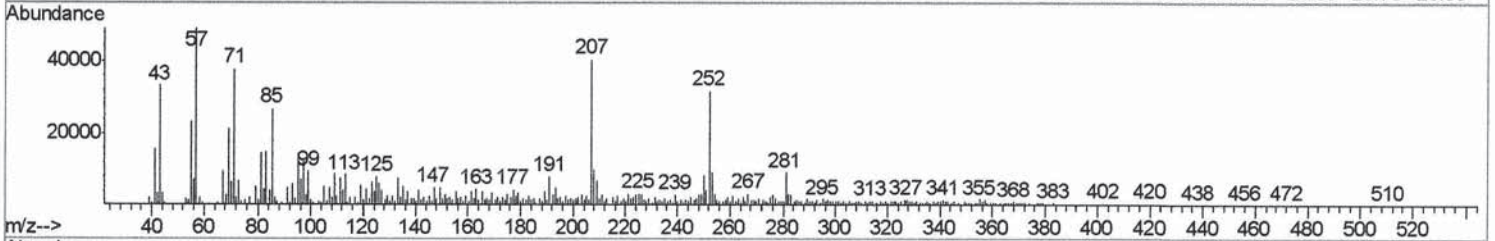
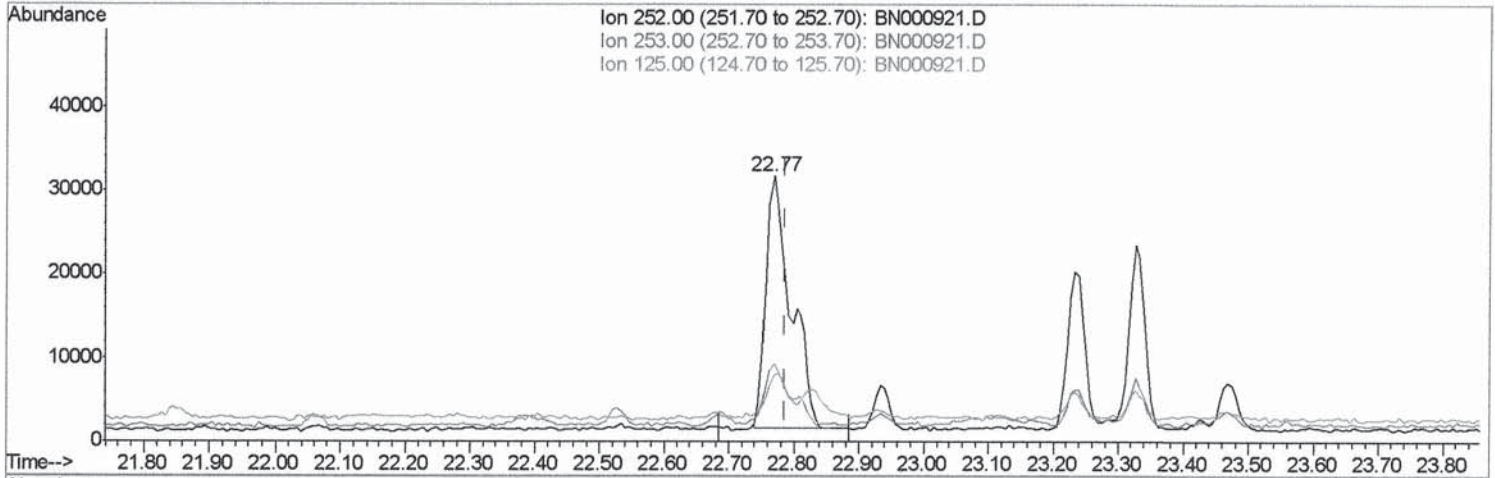
response 64229

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.00	25.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(24) Benzo(k)fluoranthene

22.768min (-0.018) 2.31ng/ui

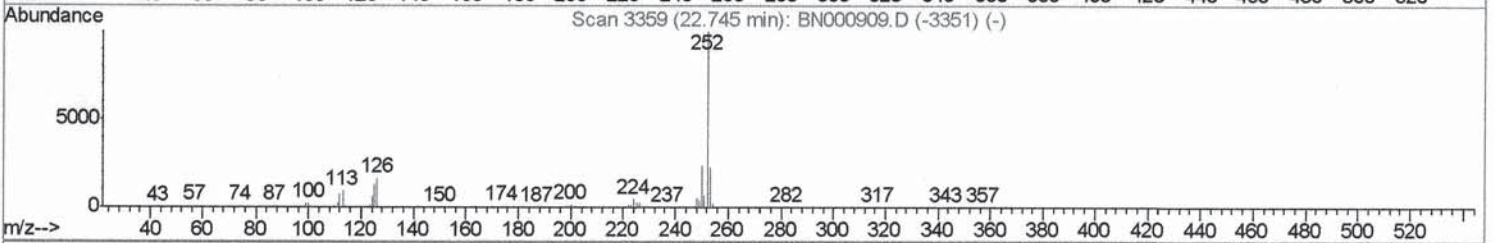
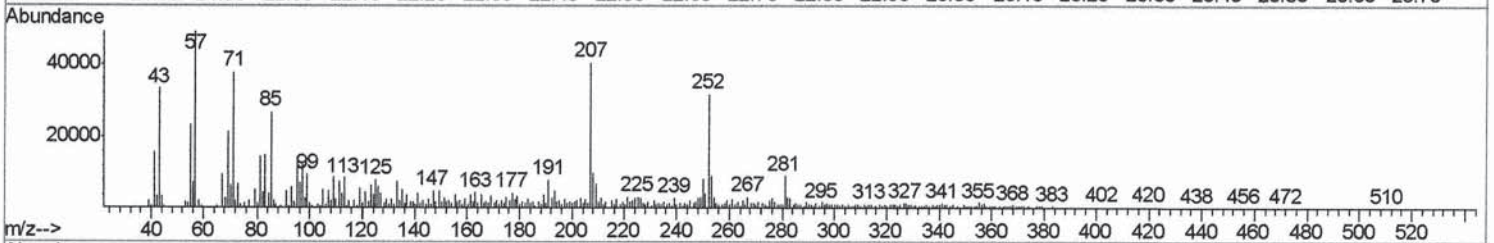
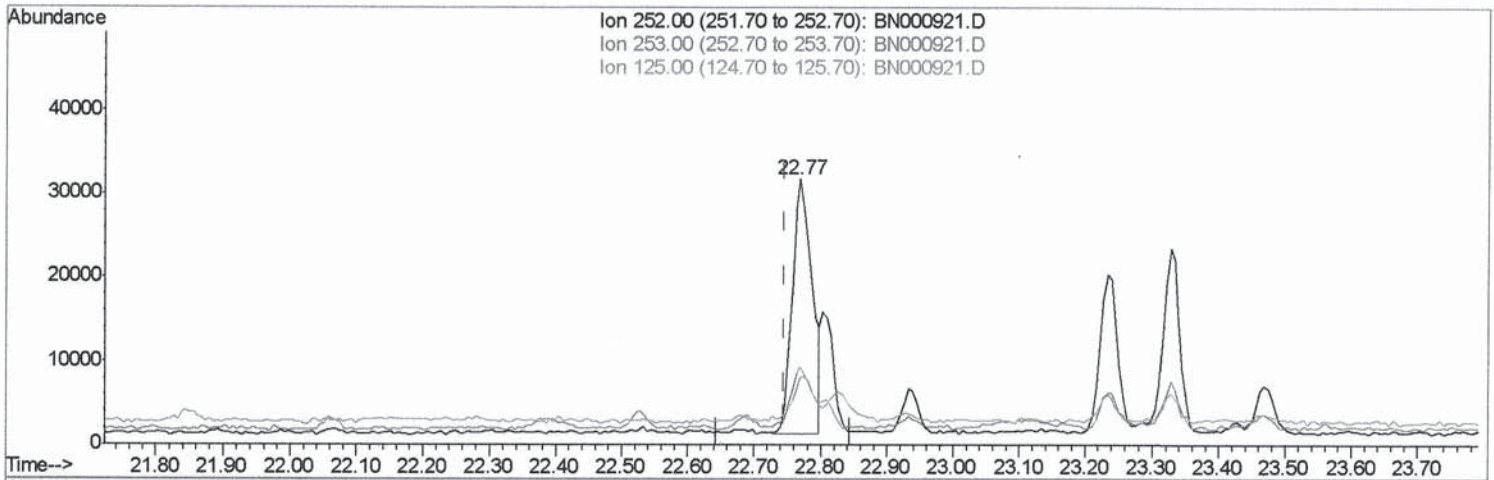
response 80734

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.10	25.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(23) Benzo(b)fluoranthene

22.768min (+0.023) 1.80ng/ul m

response 64217

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.00	25.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:36:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	171173	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	680639	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	317222	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	618513	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	573848	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	627951	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	704777	23.13	ng/ul	0.01
10) Fluorene-d10	15.26	176	437969	21.54	ng/ul	0.01
14) Anthracene-d10	17.11	188	602505	21.30	ng/ul	0.01
18) Pyrene-d10	19.42	212	638796	21.73	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	624371	21.05	ng/ul	0.03

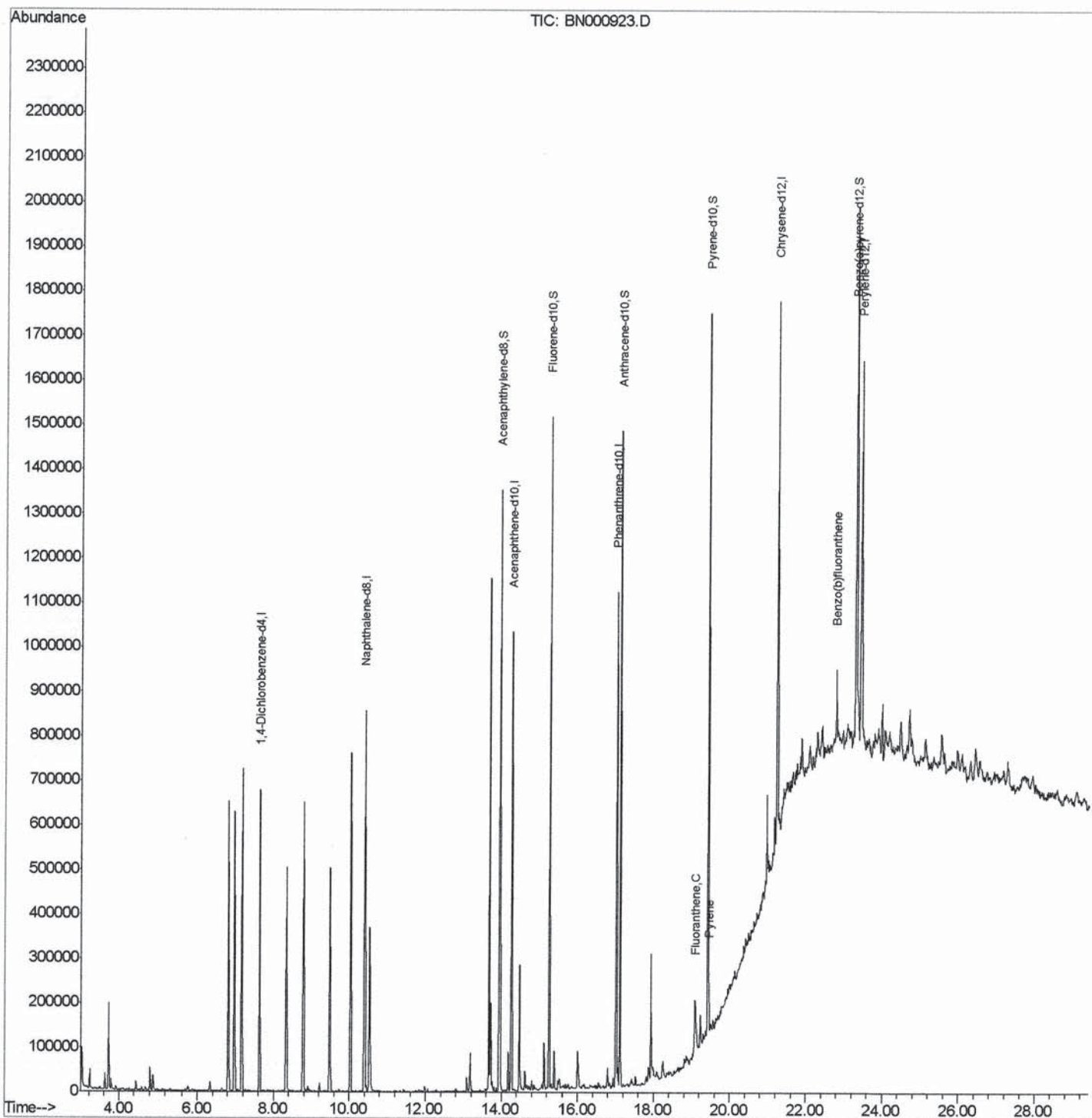
Target Compounds

					Qvalue	
13) Phenanthrene	17.05	178	43113	1.278	ng/ul	98
16) Fluoranthene	19.08	202	72062	2.105	ng/ul	95
19) Pyrene	19.44	202	63131	1.713	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	38495	1.122	ng/ul#	88
21) Chrysene	21.26	228	45427	1.409	ng/ul#	91
23) Benzo(b)fluoranthene	22.77	252	64217m	1.799	ng/ul#	70
26) Benzo(a)pyrene	23.33	252	38162	1.119	ng/ul#	70
29) Benzo(g,h,i)perylene	26.28	276	36973	1.073	ng/ul#	78

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000923.D
Acq On : 26 Apr 2018 09:42
Operator : JU/SJ
Sample : J2443-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

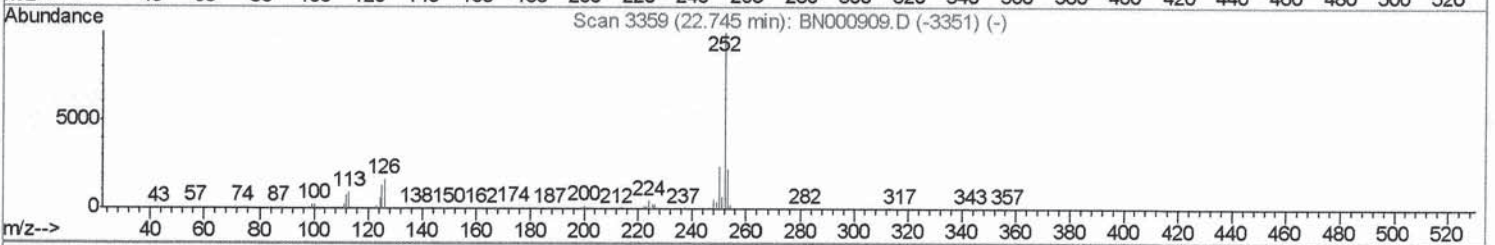
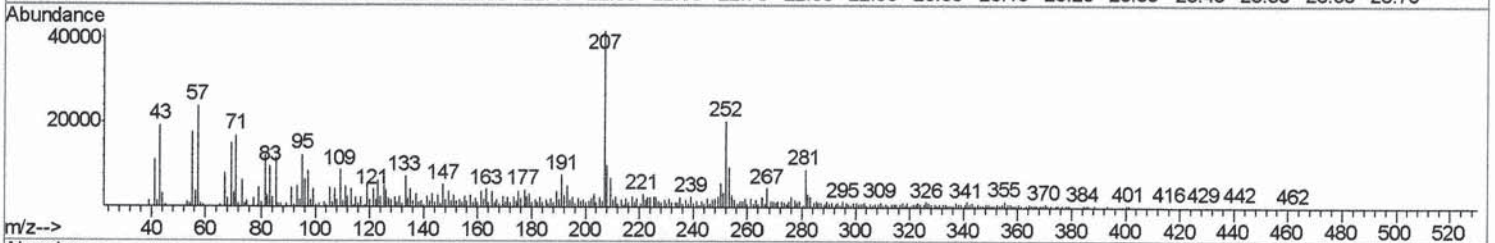
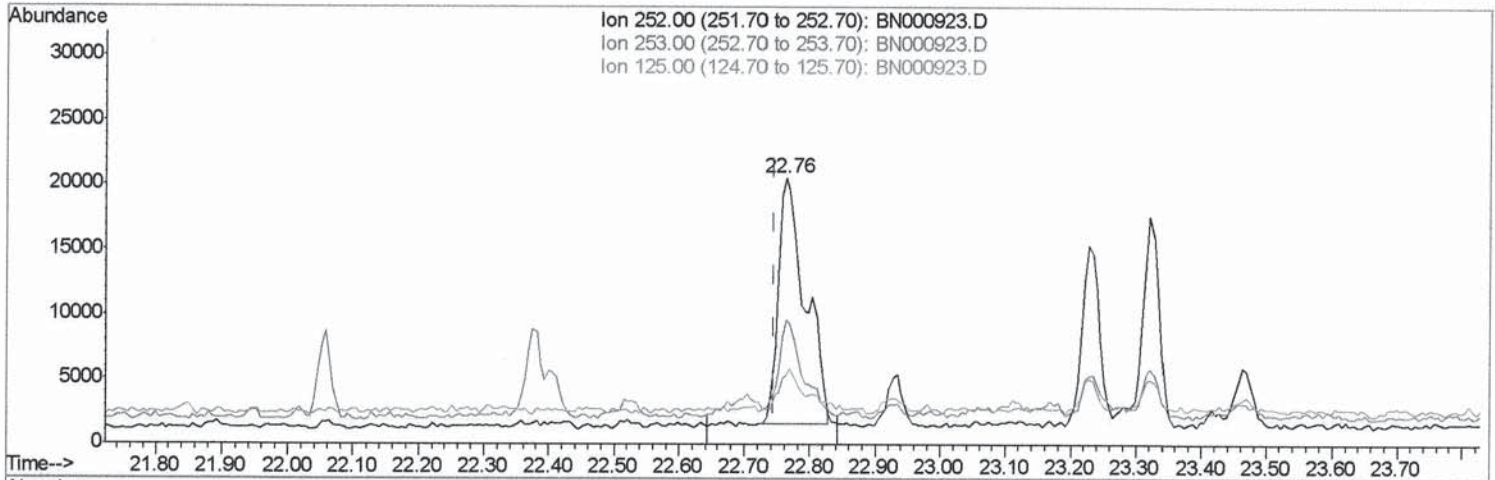
Quant Time: Apr 26 13:00:47 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000923.D
 Acq On : 26 Apr 2018 09:42
 Operator : JU/SJ
 Sample : J2443-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 12:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000923.D

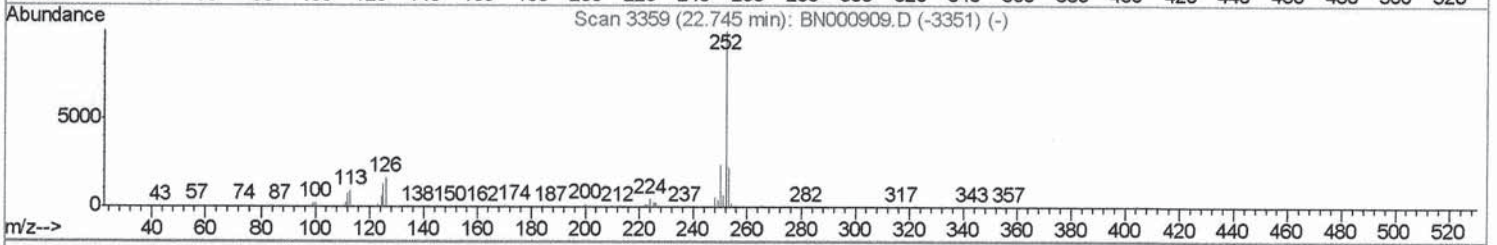
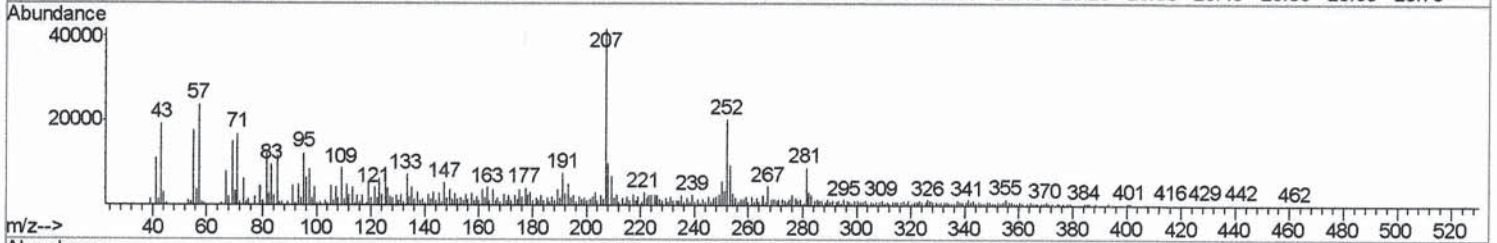
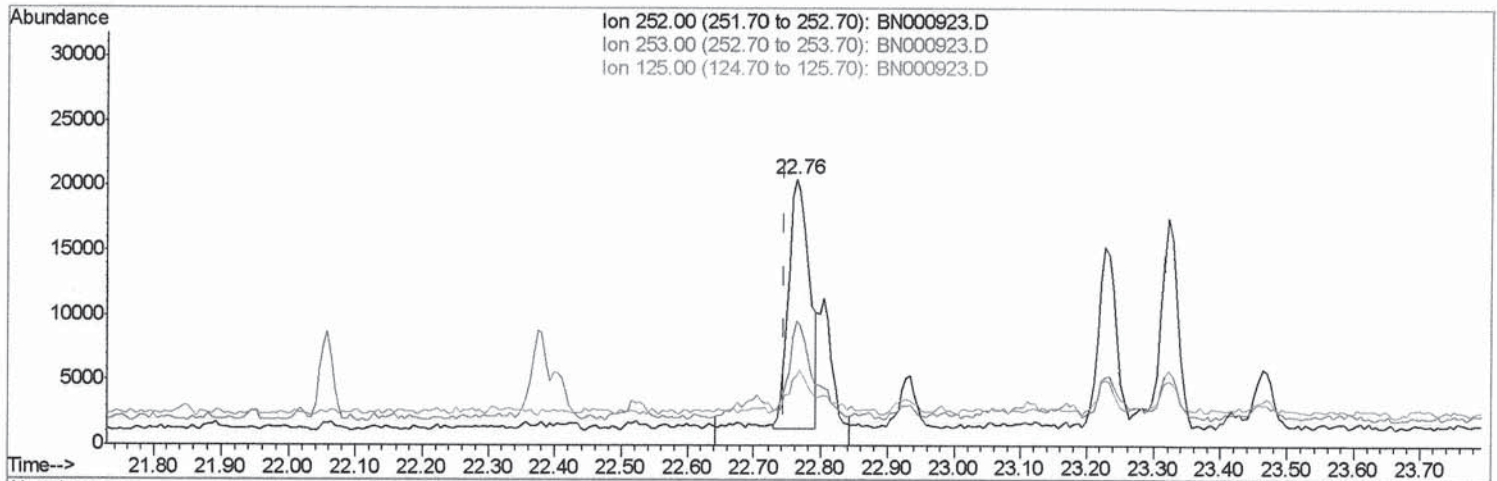
(23) Benzo(b)fluoranthene
 22.763min (+0.018) 1.67ng/ul
 response 54497

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	46.68#
125.00	10.00	26.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000923.D
 Acq On : 26 Apr 2018 09:42
 Operator : JU/SJ
 Sample : J2443-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 12:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000923.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 1.33ng/ul

response 43115

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	46.68#
125.00	10.00	26.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000923.D
Acq On : 26 Apr 2018 09:42
Operator : JU/SJ
Sample : J2443-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 13:00:47 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	169850	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	683562	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	315093	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	582977	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	525816	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	572502	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	892005	29.48	ng/ul	0.01
10) Fluorene-d10	15.26	176	555117	27.48	ng/ul	0.00
14) Anthracene-d10	17.11	188	741710	27.82	ng/ul	0.01
18) Pyrene-d10	19.42	212	763110	28.32	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	733009	27.10	ng/ul	0.02

Target Compounds

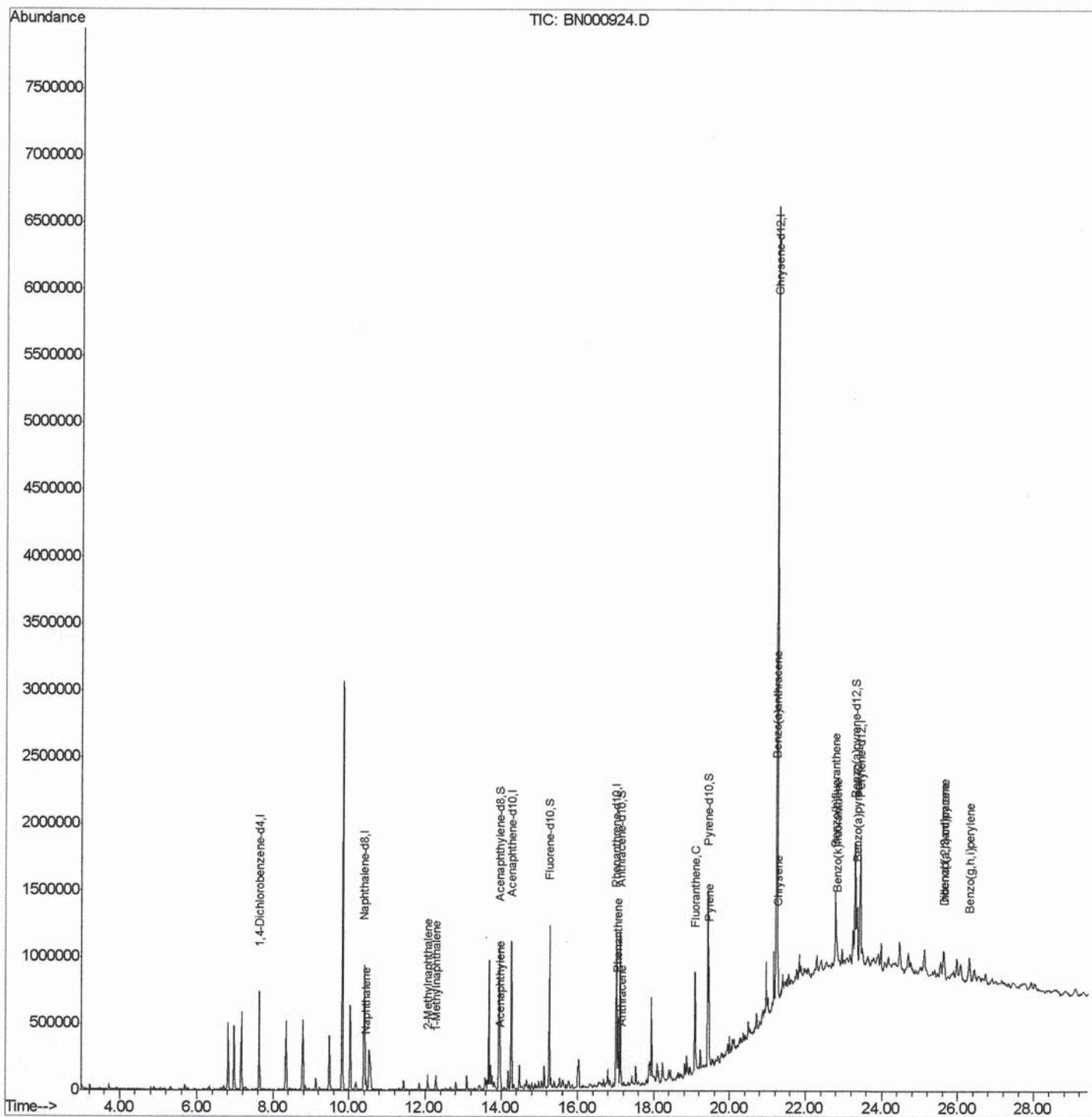
					Qvalue
16) Fluoranthene	19.07	202	48630	1.507 ng/ul#	92
19) Pyrene	19.45	202	44008	1.303 ng/ul#	92
23) Benzo(b)fluoranthene	22.76	252	43115m	1.325 ng/ul	92

JU04/27/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000924.D
Acq On : 26 Apr 2018 10:16
Operator : JU/SJ
Sample : J2443-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

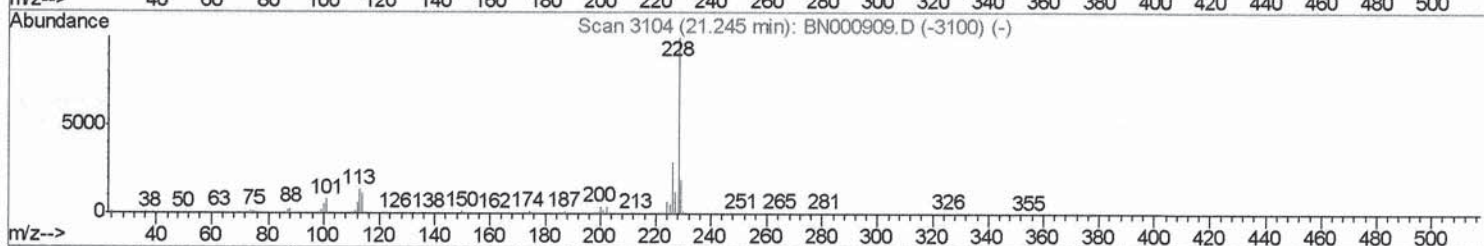
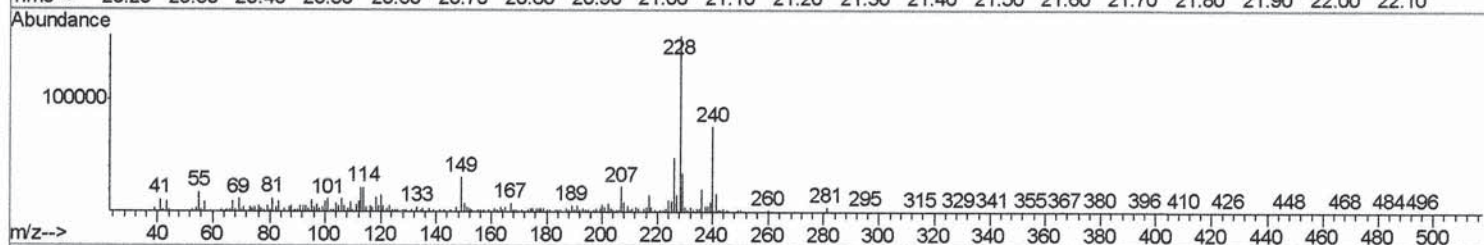
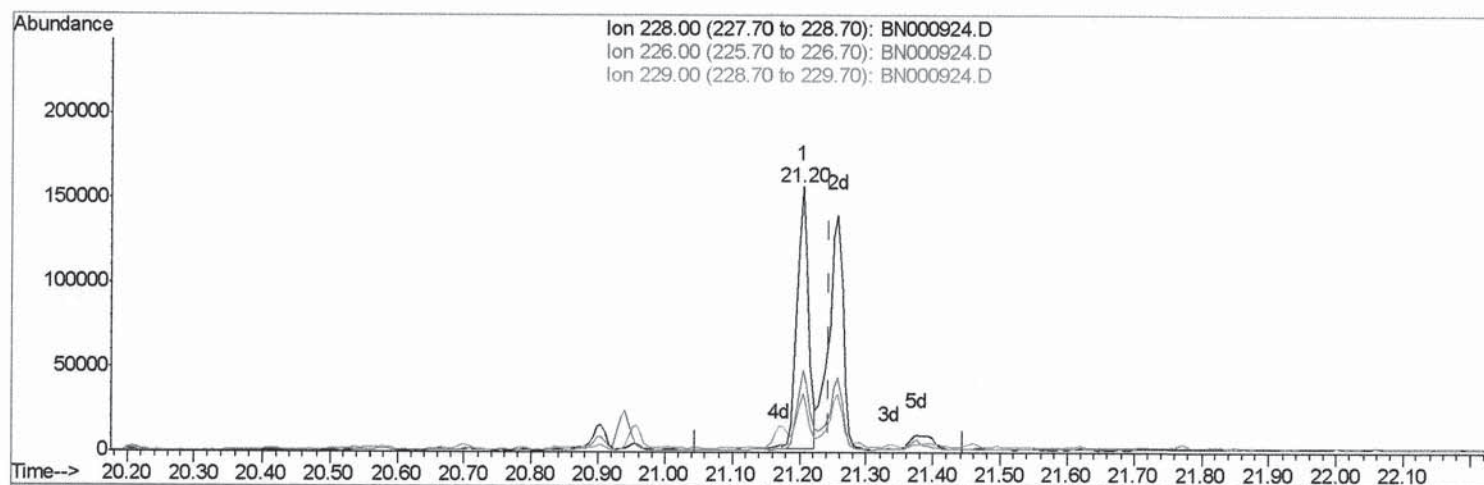
Quant Time: Apr 26 13:04:39 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(21) Chrysene

21.204min (-0.041) 6.53ng/ul

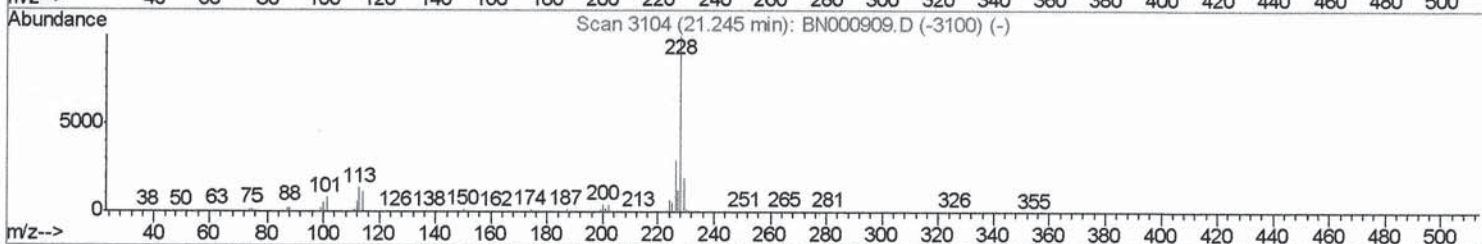
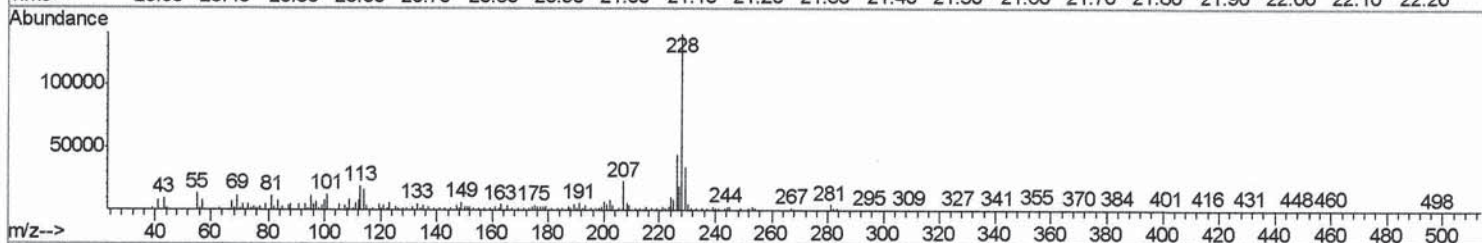
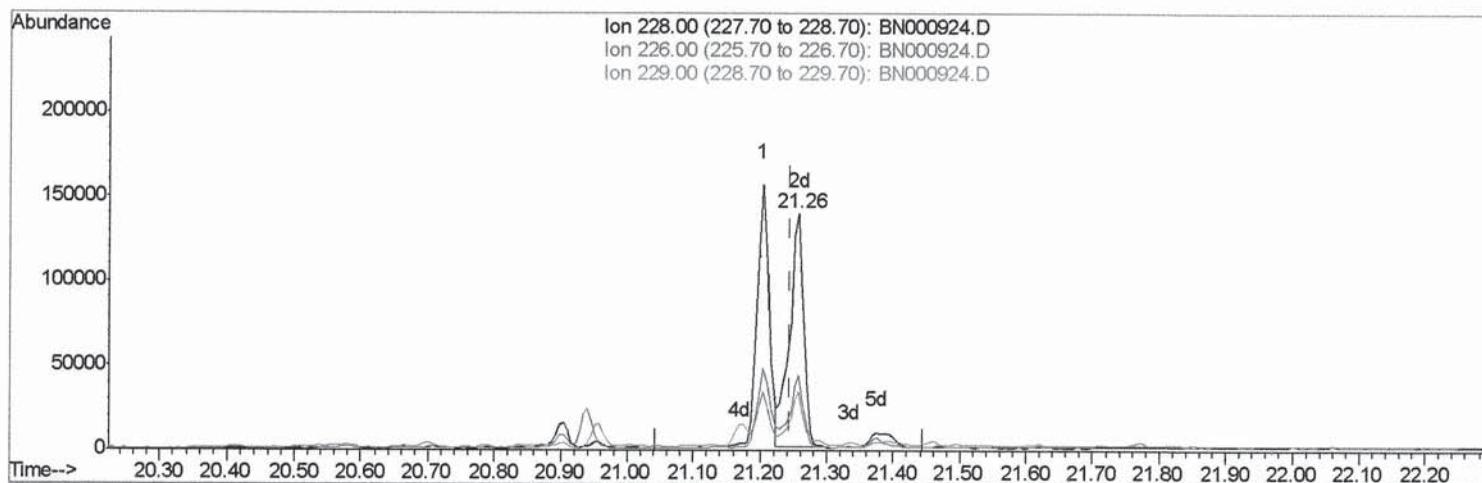
response 187970

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.86
229.00	19.80	22.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(21) Chrysene

21.257min (+0.012) 7.26ng/ul m

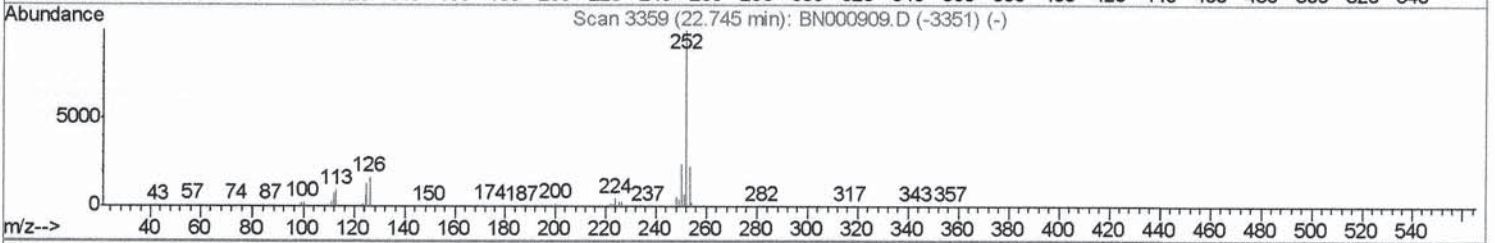
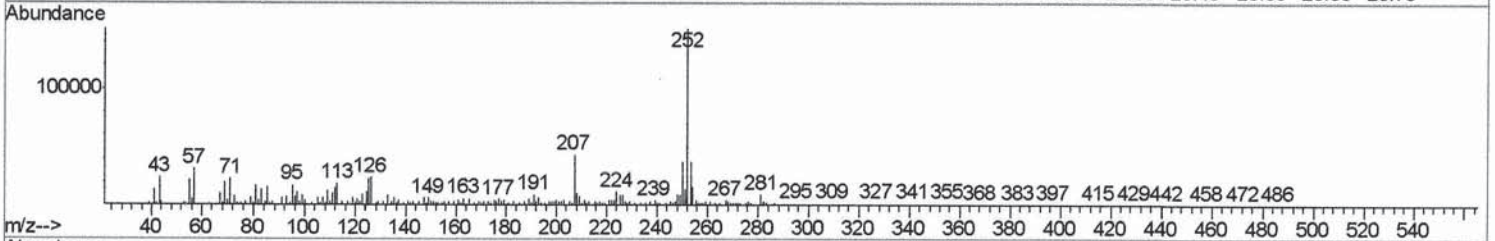
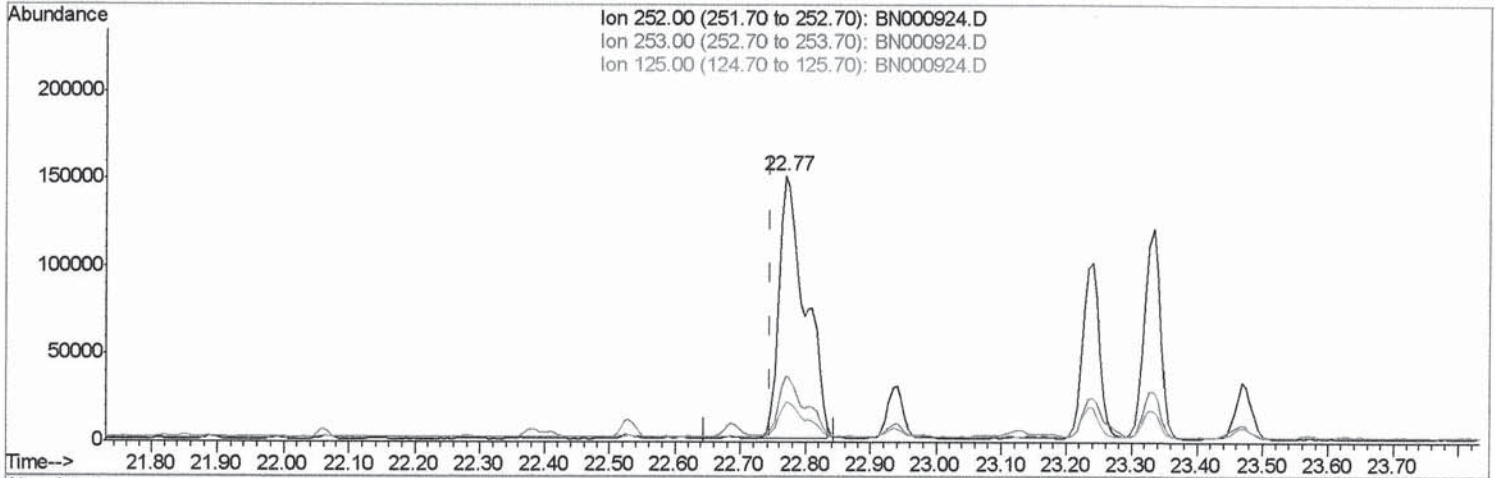
response 208849

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.44
229.00	19.80	24.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 12.46ng/ui

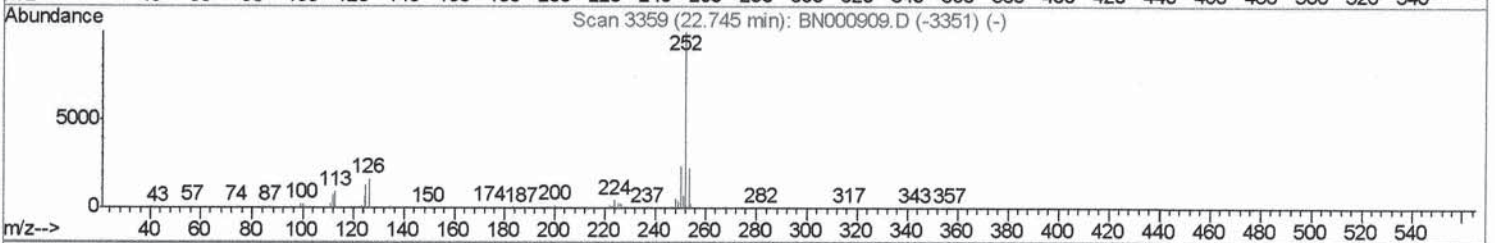
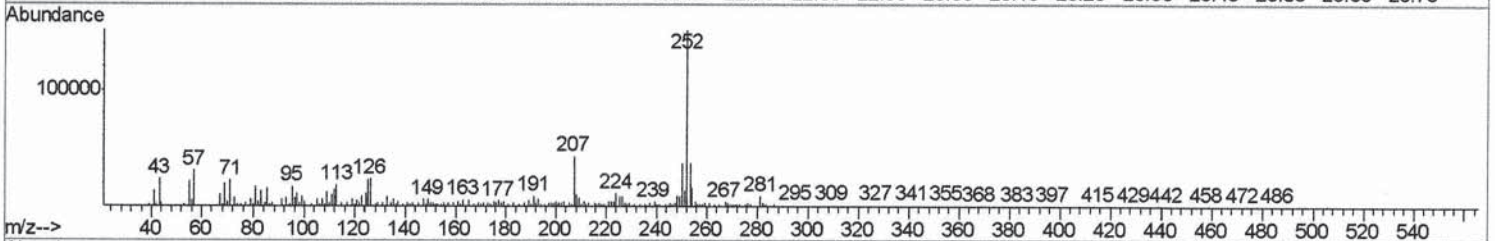
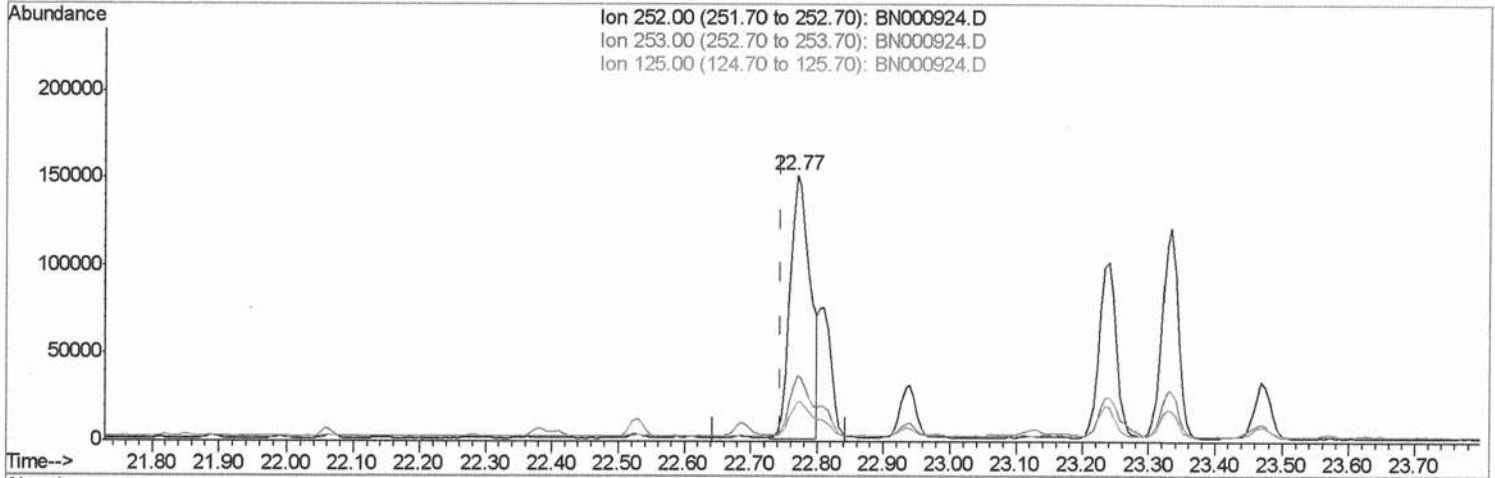
response 414643

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.95
125.00	10.00	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 9.65ng/ul m

response 321233

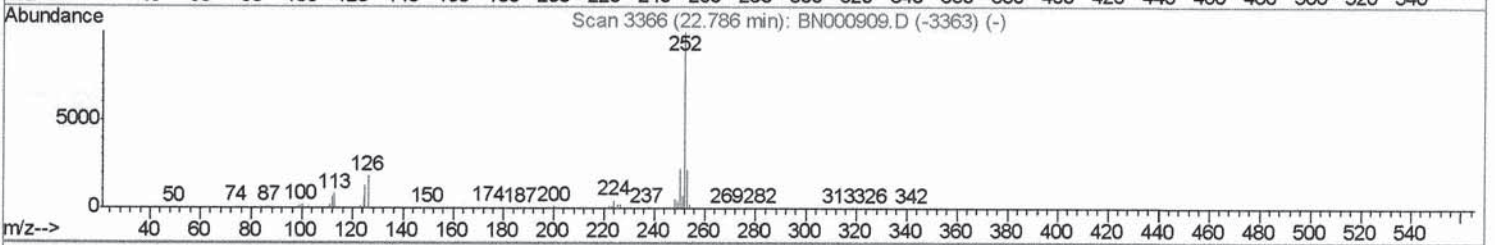
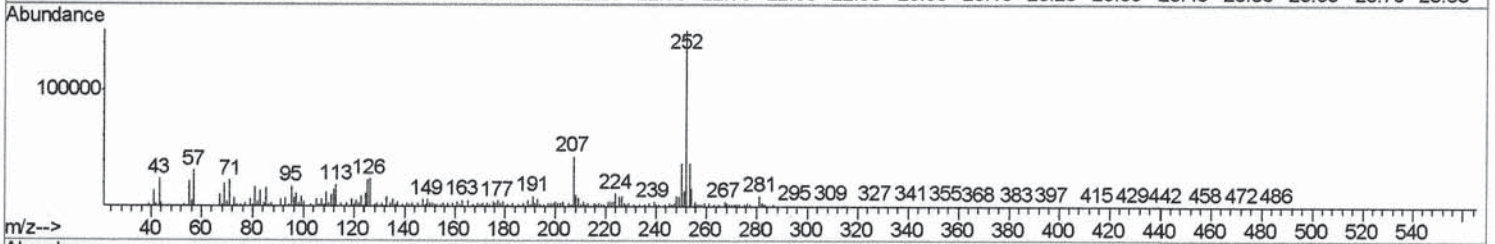
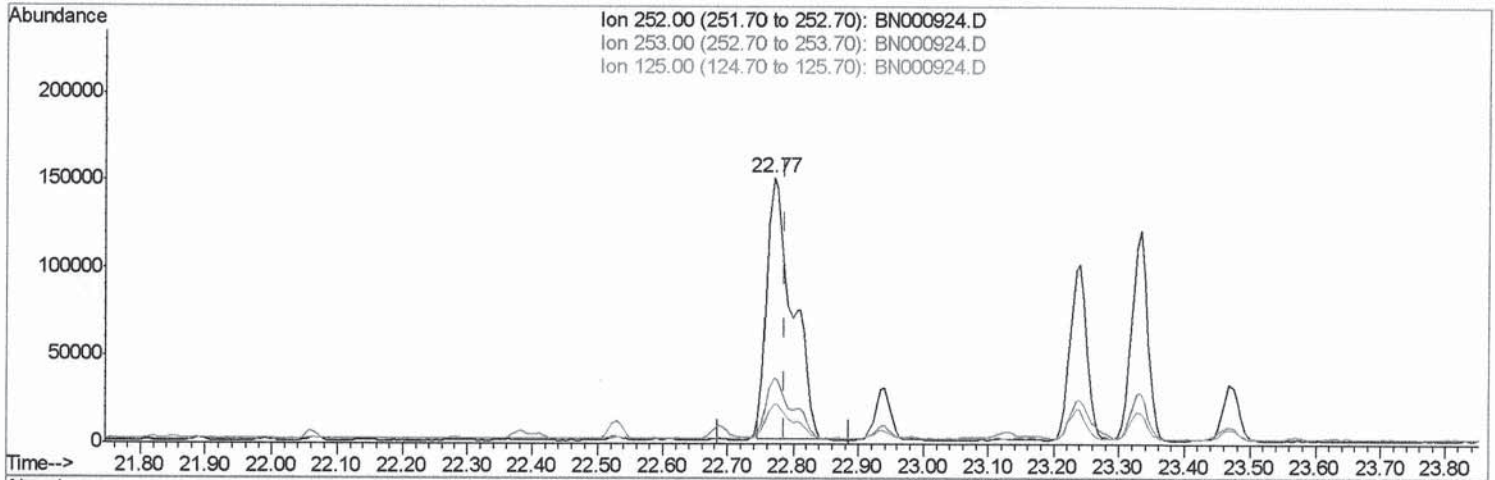
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.95
125.00	10.00	15.07#
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(24) Benzo(k)fluoranthene

22.769min (-0.018) 12.54ng/ul

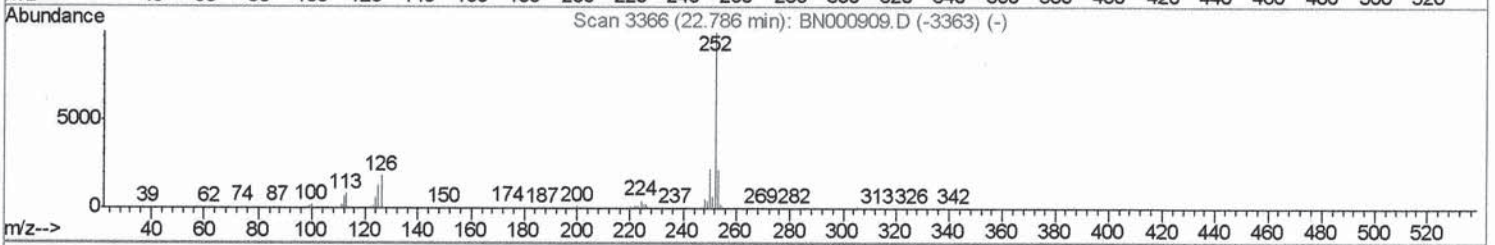
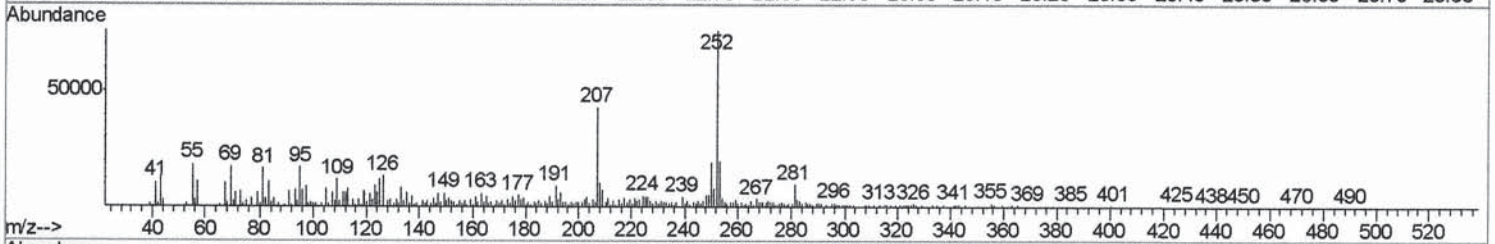
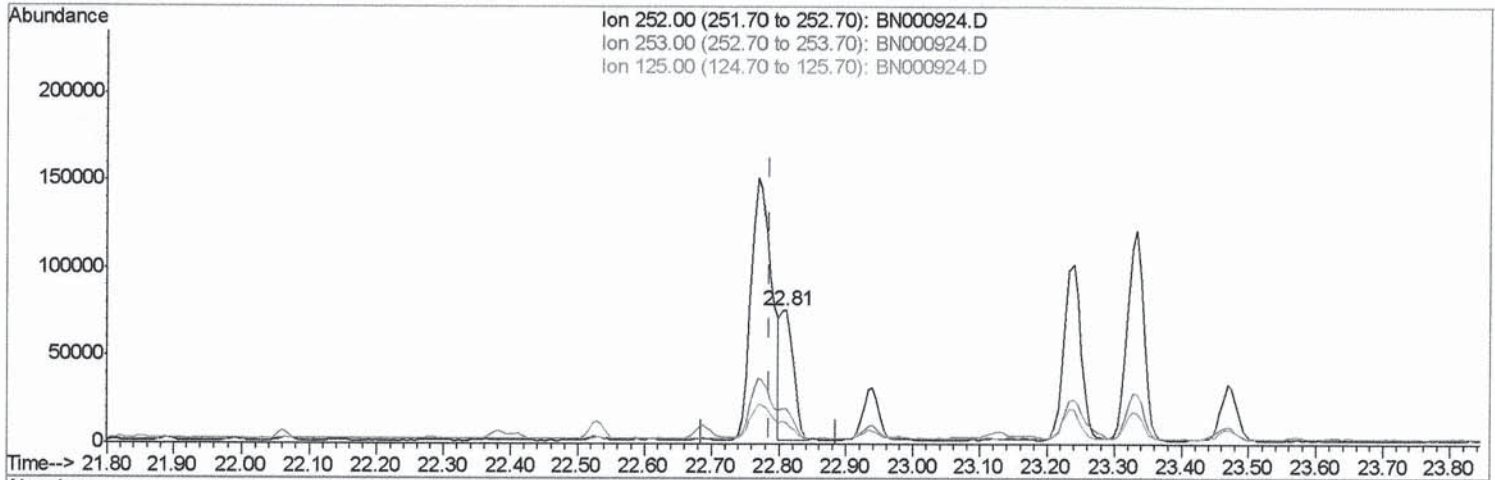
response 408376

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.95
125.00	10.10	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(24) Benzo(k)fluoranthene

22.810min (+0.024) 2.97ng/ul m

response 96872

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.44
125.00	10.10	16.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:04:39 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	181165	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	734632	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	343603	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	607660	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	512325	20.00	ng/ul	0.01
22) Perylene-d12	23.43	264	585657	20.00	ng/ul	0.04

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	722800	21.90	ng/ul	0.01
10) Fluorene-d10	15.26	176	442834	20.10	ng/ul	0.00
14) Anthracene-d10	17.11	188	580366	20.89	ng/ul	0.01
18) Pyrene-d10	19.42	212	577923	22.02	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	564973	20.42	ng/ul	0.03

Target Compounds

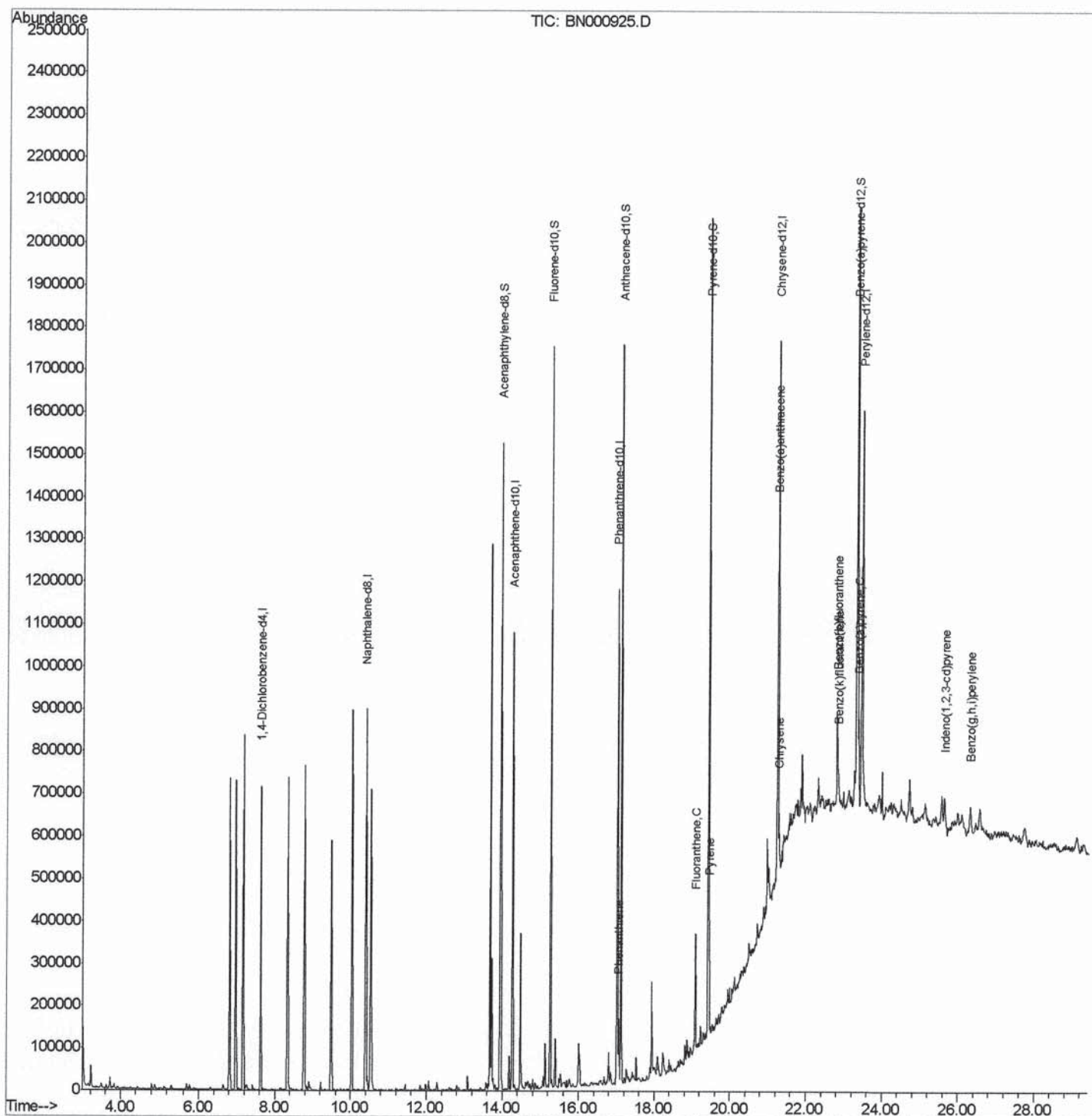
					Qvalue	
3) Naphthalene	10.45	128	66228	1.789	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	52906	2.142	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	47174	1.947	ng/ul#	93
8) Acenaphthylene	13.98	152	46117	1.412	ng/ul	97
13) Phenanthrene	17.05	178	282440	8.522	ng/ul	99
15) Anthracene	17.15	178	62603	1.883	ng/ul	99
16) Fluoranthene	19.08	202	399432	11.879	ng/ul	97
19) Pyrene	19.45	202	352059	10.698	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	191048	6.238	ng/ul	93
21) Chrysene	21.26	228	208849m	7.256	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	321233m	9.652	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	96872m	2.974	ng/ul	
26) Benzo(a)pyrene	23.33	252	202460	6.365	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.62	276	169163	4.403	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.62	278	45880	1.433	ng/ul#	70
29) Benzo(g,h,i)perylene	26.29	276	189208	5.888	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

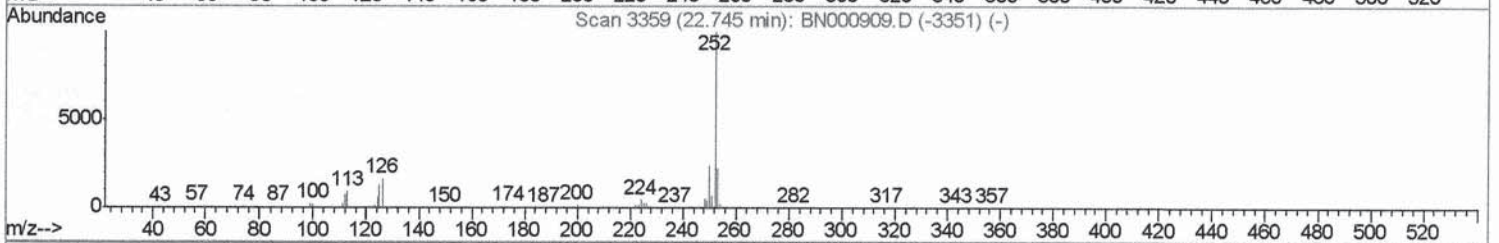
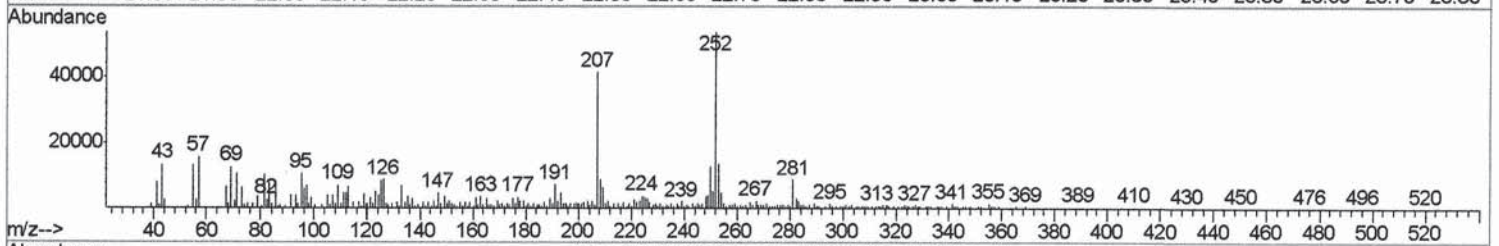
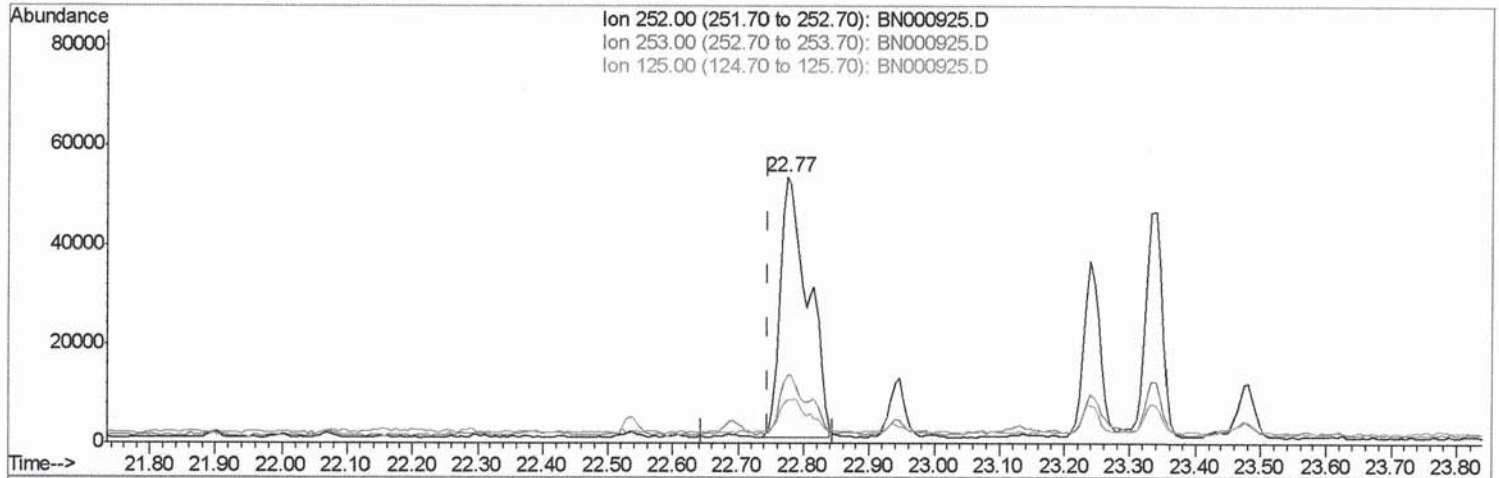
Quant Time: Apr 26 13:09:16 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:06:10 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(23) Benzo(b)fluoranthene

22.775min (+0.030) 4.56ng/ul

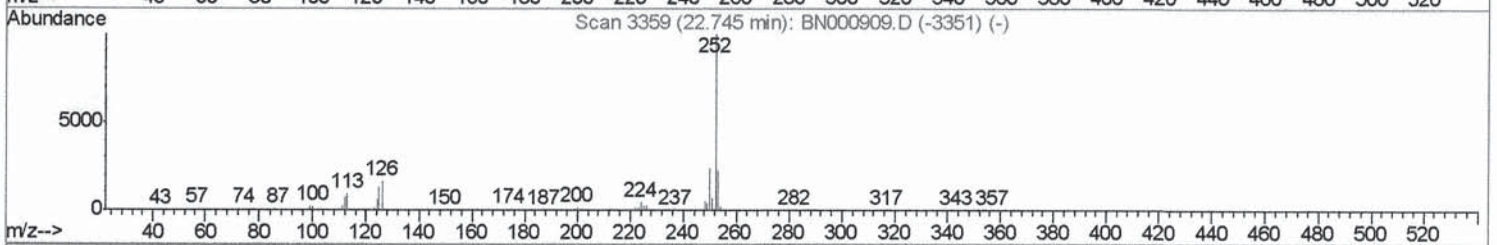
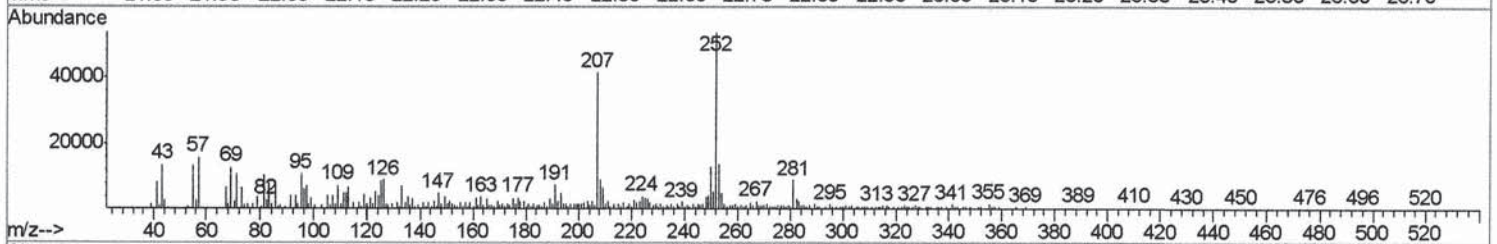
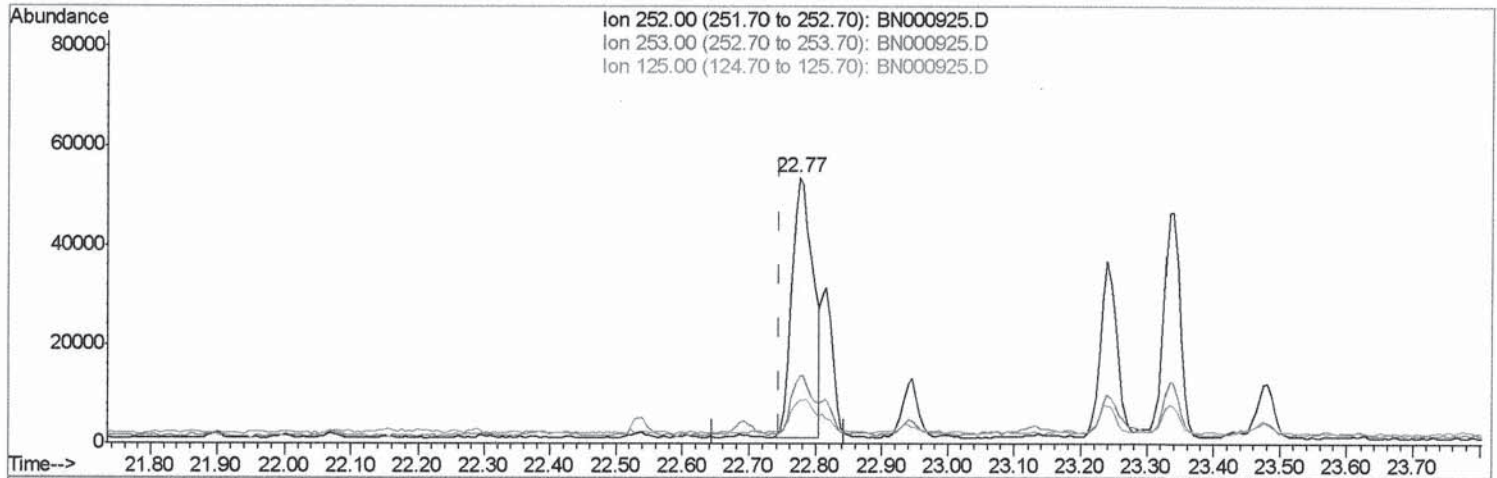
response 153780

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.59
125.00	10.00	16.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:06:10 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(23) Benzo(b)fluoranthene

22.775min (+0.030) 3.47ng/ul

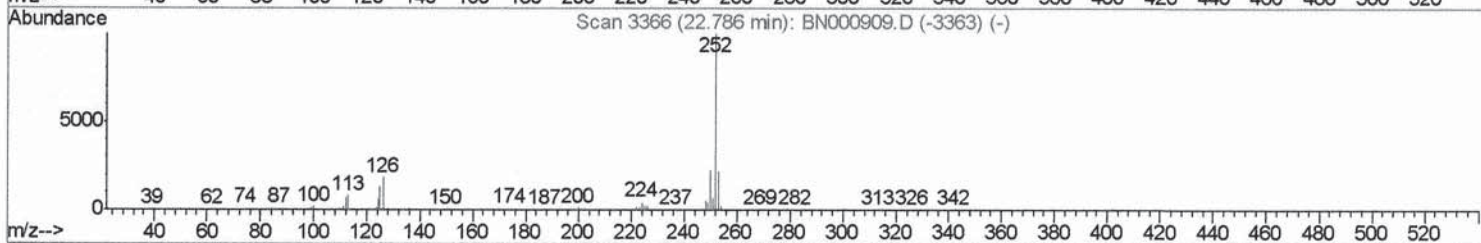
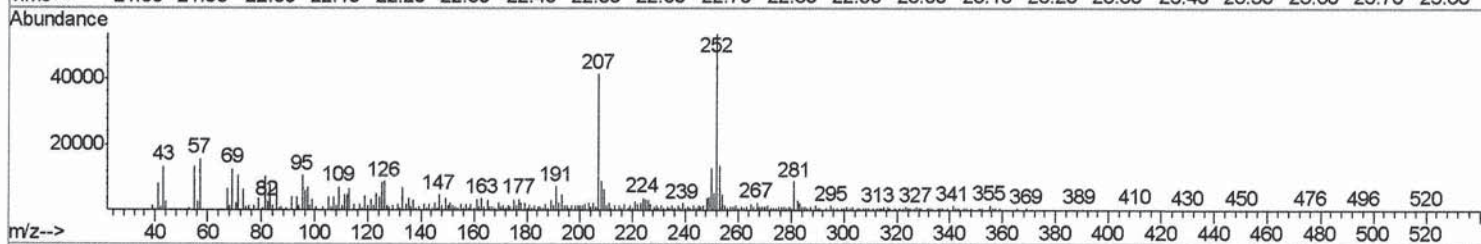
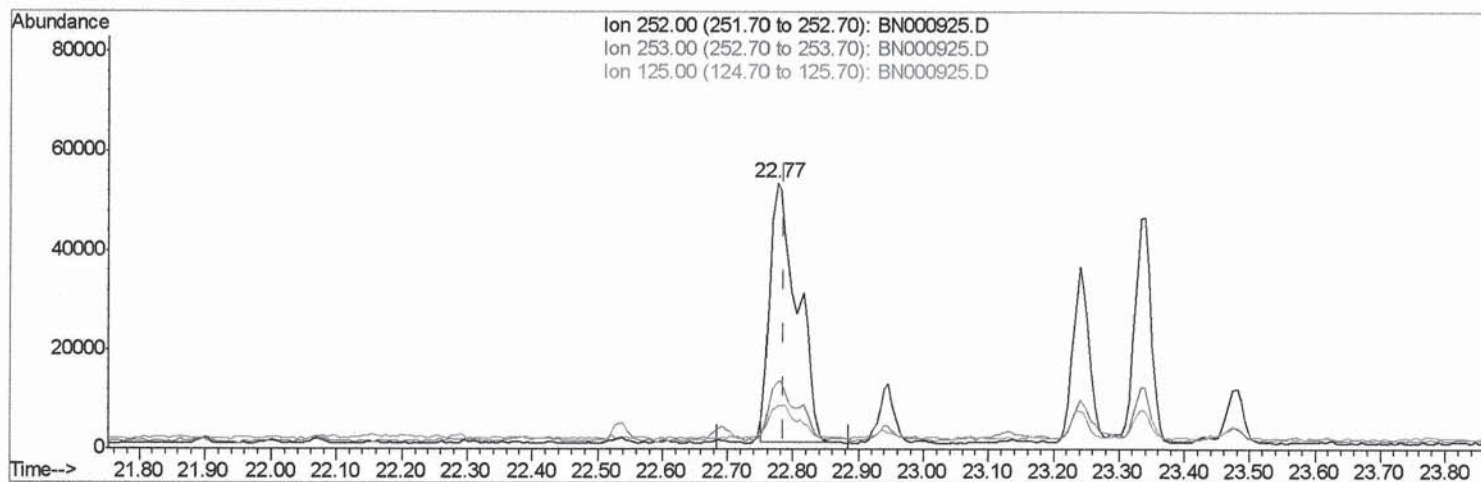
response 117088

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.59
125.00	10.00	16.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:08:23 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(24) Benzo(k)fluoranthene

22.775min (-0.012) 4.56ng/ul

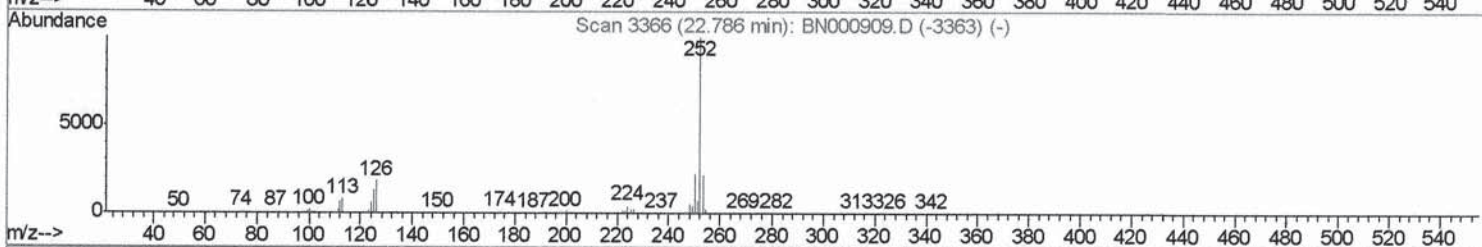
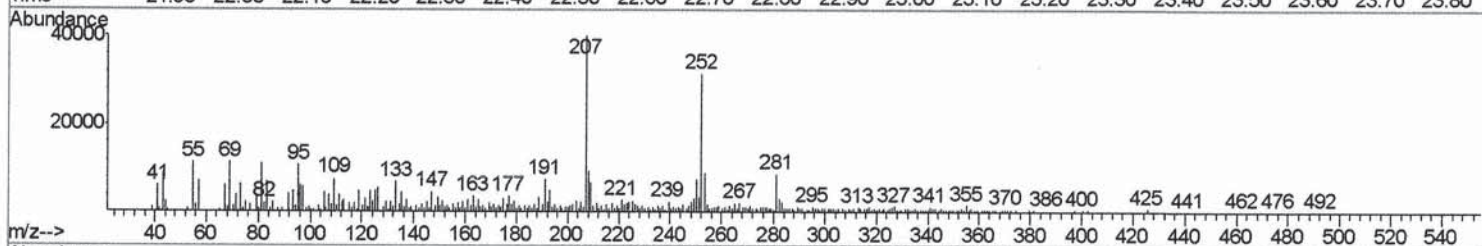
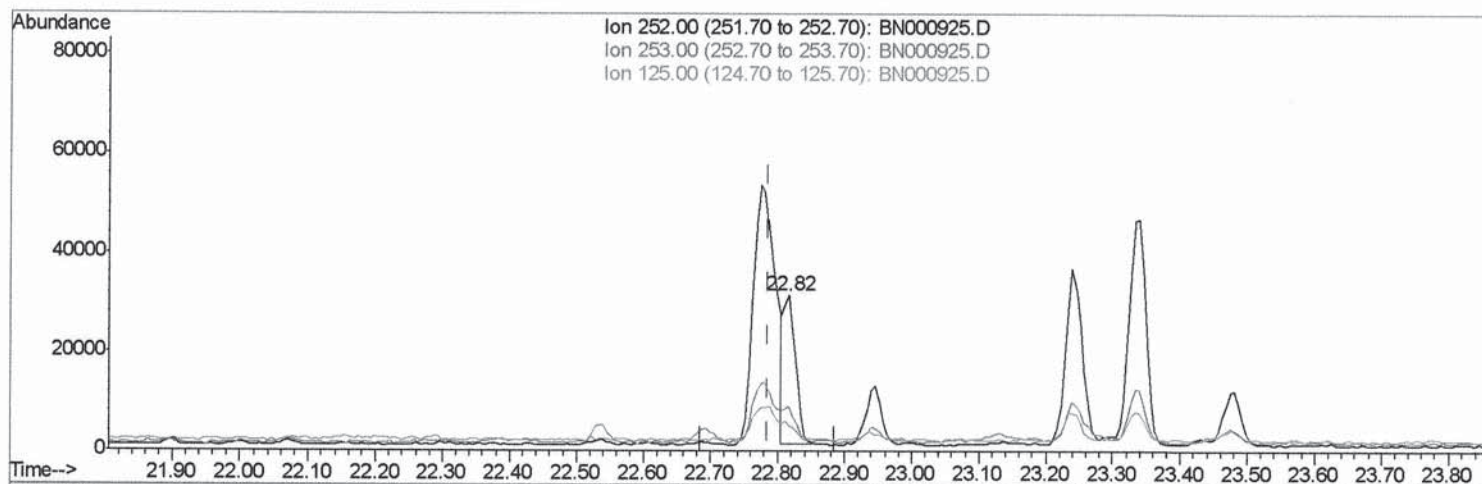
response 150469

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.59
125.00	10.10	16.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:08:23 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(24) Benzo(k)fluoranthene

22.816min (+0.030) 1.11ng/ul m

response 36464

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	28.48#
125.00	10.10	16.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000925.D
Acq On : 26 Apr 2018 10:51
Operator : JU/SJ
Sample : J2485-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:09:16 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	178072	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	717598	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	327900	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	600722	20.00	ng/ul	0.01
17) Chrysene-d12	21.23	240	545309	20.00	ng/ul	0.02
22) Perylene-d12	23.43	264	593179	20.00	ng/ul	0.04

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	980156	31.12	ng/ul	0.01
10) Fluorene-d10	15.26	176	650447	30.94	ng/ul	0.01
14) Anthracene-d10	17.11	188	889386	32.38	ng/ul	0.01
18) Pyrene-d10	19.42	212	903802	32.35	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	991331	35.38	ng/ul	0.04

Target Compounds

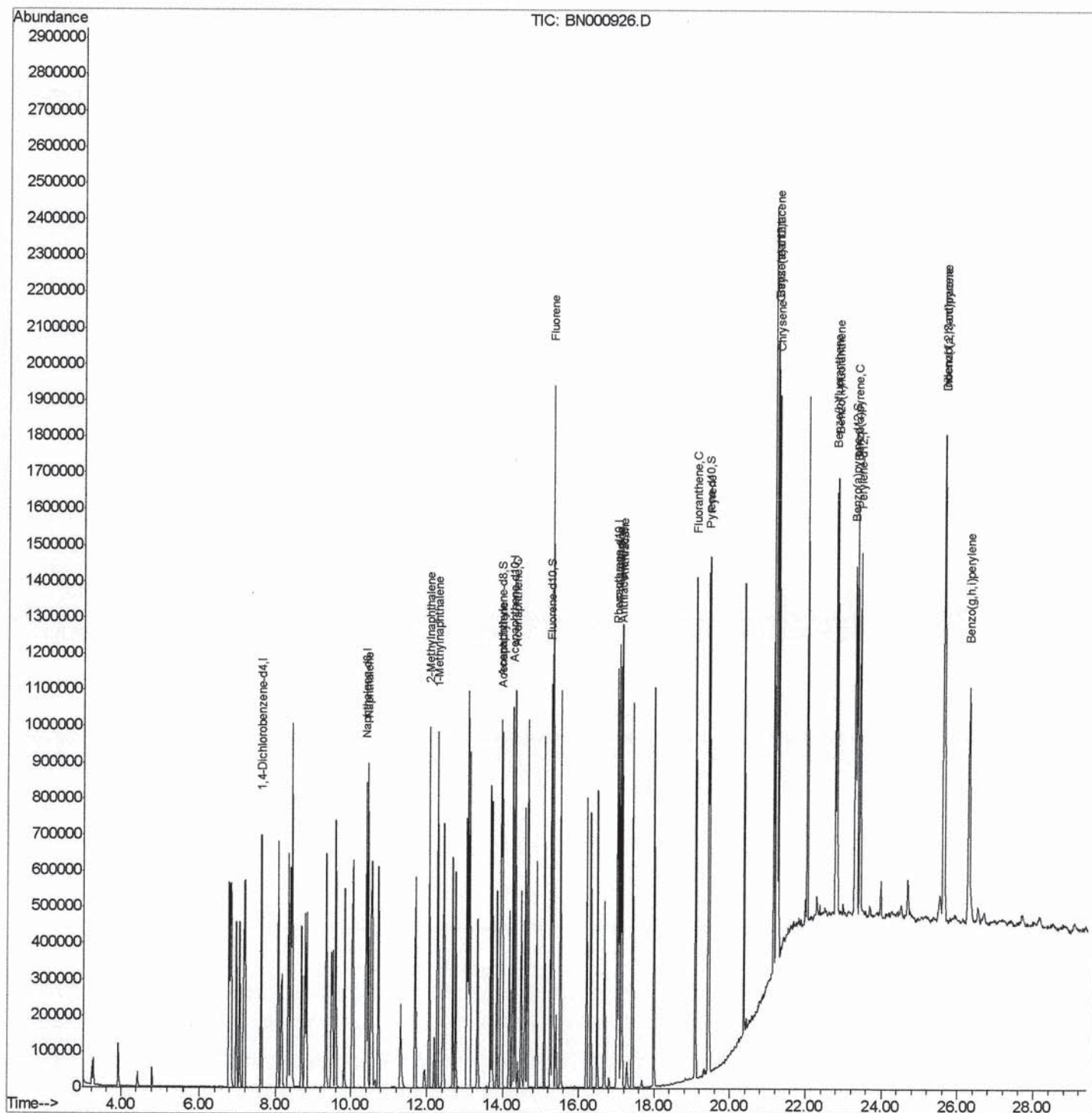
					Qvalue	
13) Phenanthrene	17.05	178	80854	2.468	ng/ul	98
16) Fluoranthene	19.08	202	147016	4.423	ng/ul	97
19) Pyrene	19.45	202	125306	3.577	ng/ul#	93
20) Benzo(a)anthracene	21.21	228	78321	2.403	ng/ul#	91
21) Chrysene	21.26	228	79968	2.610	ng/ul#	96
23) Benzo(b)fluoranthene	22.77	252	117088m	3.473	ng/ul	→ 2604/27/18
24) Benzo(k)fluoranthene	22.82	252	36464m	1.105	ng/ul	
26) Benzo(a)pyrene	23.34	252	79342	2.463	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.62	276	58308	1.498	ng/ul#	86
29) Benzo(g,h,i)perylene	26.29	276	55315	1.700	ng/ul#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000926.D
 Acq On : 26 Apr 2018 11:26
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

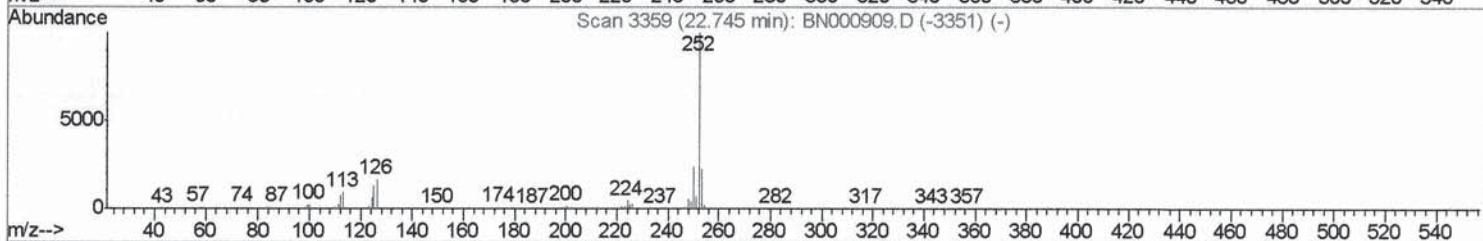
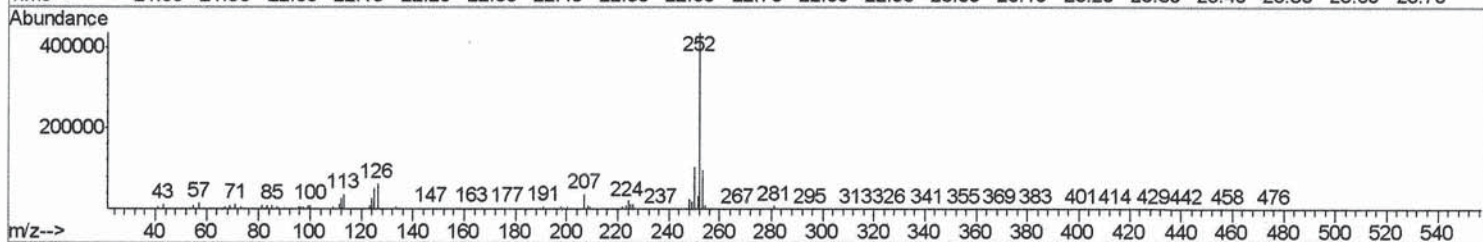
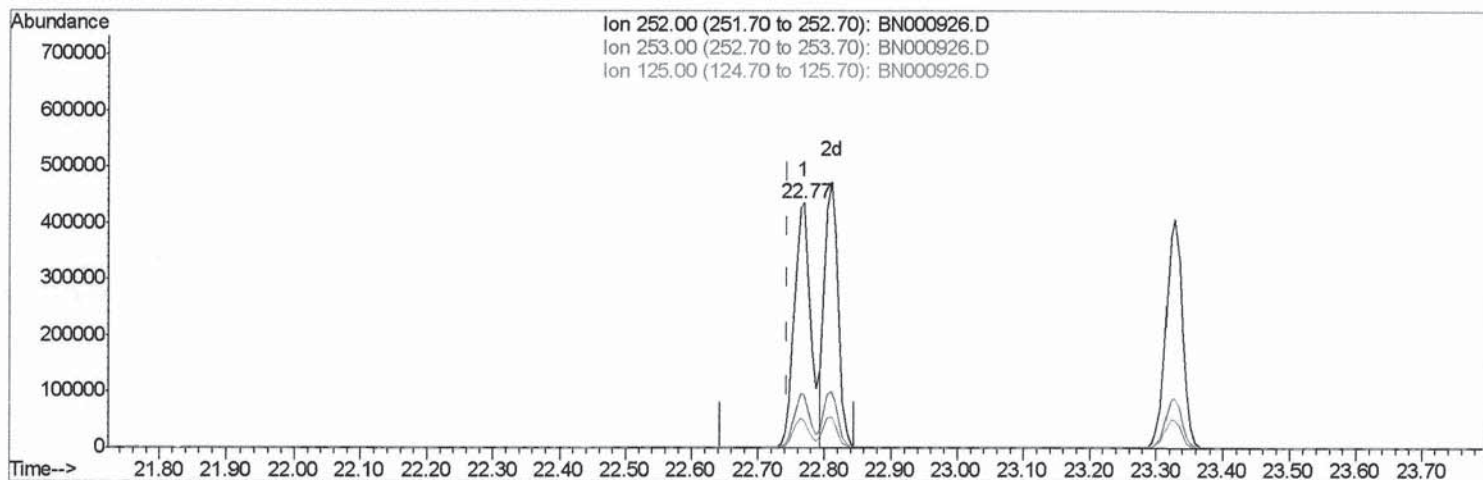
Quant Time: Apr 26 13:46:33 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000926.D
Acq On : 26 Apr 2018 11:26
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 13:42:56 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000926.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 21.84ng/ul

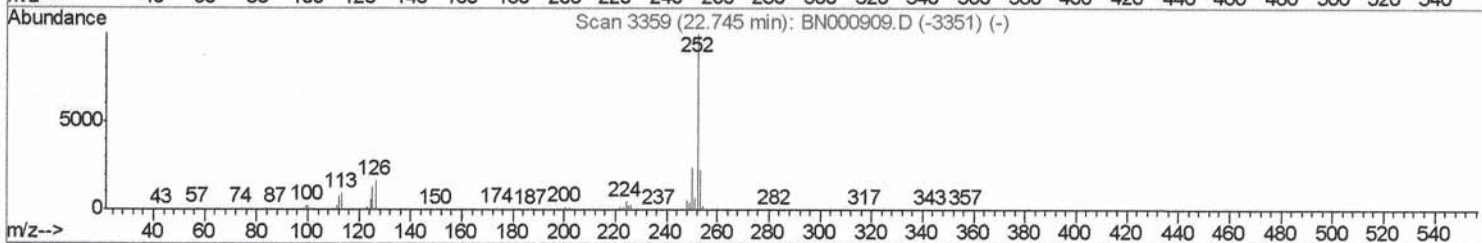
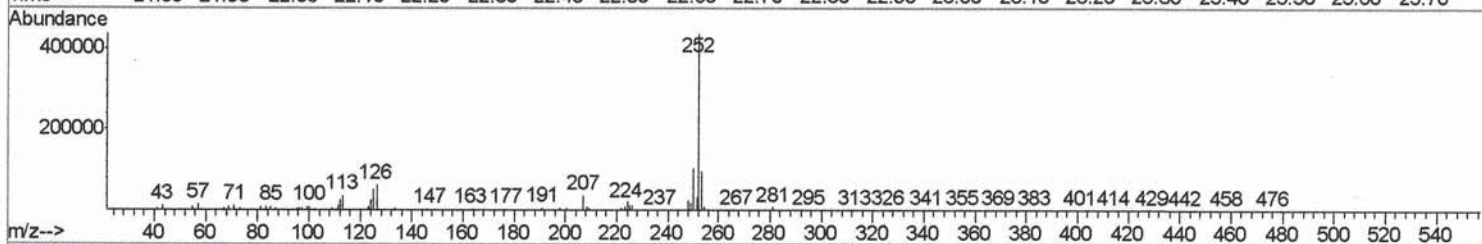
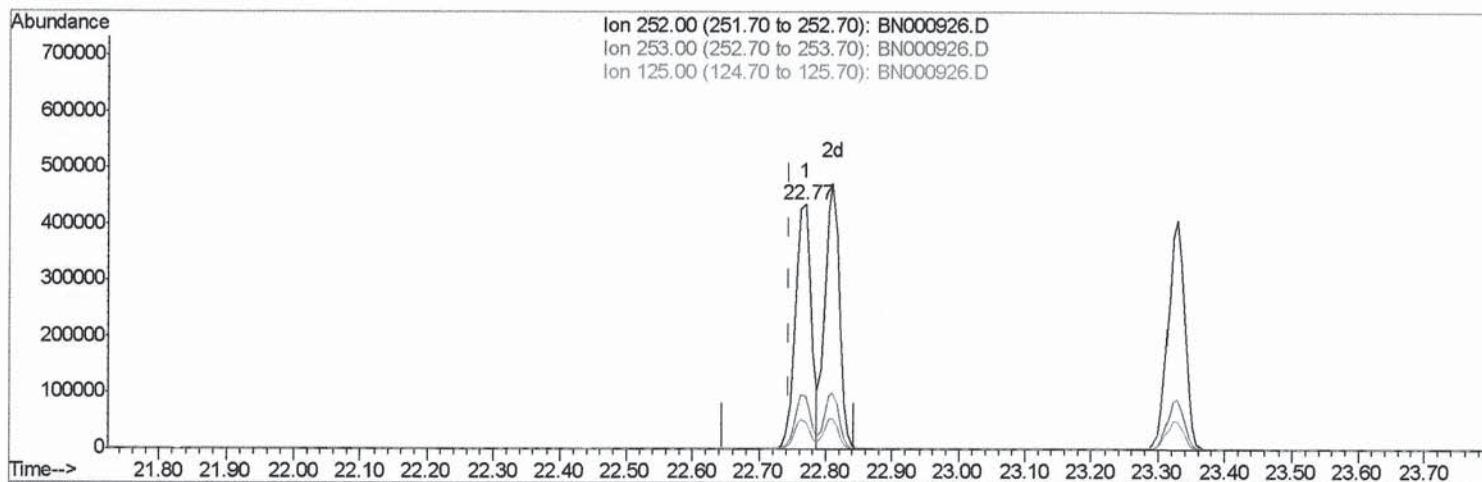
response 779971

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.86
125.00	10.00	11.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000926.D
 Acq On : 26 Apr 2018 11:26
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 13:42:56 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000926.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 20.53ng/ui m

response 733205

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.86
125.00	10.00	11.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000926.D
 Acq On : 26 Apr 2018 11:26
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 13:46:33 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	171853	20.00	ng/ul	0.00
2) Naphthalene-d8	10.40	136	676123	20.00	ng/ul	0.01
6) Acenaphthene-d10	14.26	164	322110	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	627076	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	587438	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	628313	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	658983	21.30	ng/ul	0.01
10) Fluorene-d10	15.26	176	417738	20.23	ng/ul	0.00
14) Anthracene-d10	17.11	188	607596	21.19	ng/ul	0.01
18) Pyrene-d10	19.42	212	619115	20.57	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	627736	21.15	ng/ul	0.02

Target Compounds

					Qvalue	
3) Naphthalene	10.45	128	700106	20.546	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	453037	19.927	ng/ul	99
5) 1-Methylnaphthalene	12.29	142	445018	19.956	ng/ul	94
8) Acenaphthylene	13.98	152	634284	20.716	ng/ul	99
9) Acenaphthene	14.33	153	434088	20.520	ng/ul	96
11) Fluorene	15.32	166	455257	20.216	ng/ul	94
13) Phenanthrene	17.06	178	688763	20.139	ng/ul	100
15) Anthracene	17.15	178	700204	20.411	ng/ul	99
16) Fluoranthene	19.08	202	765206	22.052	ng/ul	95
19) Pyrene	19.45	202	763186	20.226	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	716059	20.391	ng/ul	98
21) Chrysene	21.26	228	668465	20.253	ng/ul	99
23) Benzo(b)fluoranthene	22.77	252	733205m	20.534	ng/ul	97
24) Benzo(k)fluoranthene	22.81	252	707465	20.248	ng/ul	97
26) Benzo(a)pyrene	23.33	252	709882	20.802	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.61	276	860694	20.882	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.62	278	716708	20.864	ng/ul	98
29) Benzo(g,h,i)perylene	26.28	276	719725	20.878	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed